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# GENERAL ELECTRIC NEWS

FORT WAYNE WORKS

Vol. 12 January 6, 1928 No. 1

# *New Year's Greeting*

IT has been a great pleasure and satisfaction to work with all my thousands of associates throughout the General Electric Company, and I thank you warmly for the fine spirit of co-operation and loyalty. I want to congratulate every one on the contribution that he himself has made to the work of the Company, with the hope that it has given him pleasure and satisfaction.

The New Year is ahead of us, holding forth great opportunities. Business conditions are sound and the wider use of electrical products is undoubted. It depends on our efficiency and service to what extent and how satisfactorily we serve the public, and to this each of us can make a distinct contribution.

May I take this opportunity of extending my best wishes for a Healthful, Happy, and Busy New Year.

Cordially yours,

Gerard Swope

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

Vol. 12 January 6, 1928 No. 1

William Melching

Irene Whitehead

Walter Dreyer

Mart Einsiedel

Carl Bobay

Hilda Walda

A. M. Snodgrass

# G-E Club Holds Second Election

414786

E. A. Barnes

C. M. Schnieders

ON December 6th employees at the Broadway and Winter Street plants elected officers for the G-E Club to serve during the year 1928. President A. M. Snodgrass, Second Vice President Irene Whitehead, Secretary Walter Dreyer, Treasurer C. M. Schnieders, and Director Hilda Walda were reelected to their respective positions. Carl Bobay, Bldg. 27, was elected first vice president, succeeding Harry Zimmerman, who was not a candidate for re-election. The vote was heavy and well distributed to the various candidates.

Mr. Barnes continues, at the Works Manager's request, to serve as the director representing the Company. The terms of Directors Melching and Einsiedel do not expire this year.

The following is President Snodgrass's message to Fort Wayne G-E folks, on the completion of the club's first year:

"The G-E Club has about completed its first year, operating as a club in the new Recreation Bldg. The Recreational Foundation was superseded by the G-E Club early in 1927 and all activities turned over to the Board of Directors of the new organization.

"In the year 1927 the club spent considerable money in equipping the building and making it a desirable place in which to spend your leisure hours. The gymnasium and showers have been in almost constant use since early in May and the bowling alleys and billiard room since late August. While this has only given us four months' time to check the operation and income produced by this section, the results have been very gratifying as both the bowling alleys and billiard room have been very well patronized. Over 100 teams are now competing in the bowling leagues organized by different departments.

"Financially the year 1928 should be a very successful one as we will have a full year in which to operate the revenue-producing portion of the building, in addition to the candy stands now in operation, which were our only source of revenue up to the last four months of 1927. We feel that we should continue to charge standard prices for the bowling and billiards in order to increase our assets and put back in our treasury a part of the money spent to equip this building, for this would put us in a more favorable position and would allow us to equip the additional wing of the building should the General Electric Company see fit to provide it. No dividends can be declared as far as this club is concerned so that the money made will all be used to give members additional advantages and better equipment as it becomes necessary.

"I feel that the real success of the G-E Club depends upon its membership and the great problem now before your Board of Directors is that of making all employees, regardless of where they work or what position they hold, feel that they are members of the G-E Club, and as such should take part in all activities sponsored by it. The club is endeavoring to put on a varied line of entertainment, a part of which should be pleasing to everyone. The Board of Directors is always ready to consider any suggestion which you as a member may have to offer.

"At the opening of the basketball season we packed this gymnasium to the doors and I believe that with a little help from the membership that we can continue to pack the place for each entertainment and show the officials of the Company that we, as a club, really appreciate the facilities offered to us.

"In the year 1928 we expect to further our activities and give

(*Continued on page 15*)

# Santa Claus Entertained at G-E Club Christmas Party

THE final plans for the All-G-E Christmas Party, staged and financed this year by the G-E Club, promised all of the good time, especially for the children, of similar parties held in the past. The crowd taxed the capacity even of the club's big gymnasium.

In November President Snodgrass appointed William F. Melching, Irene Whitehead and Mart Einsiedel as a committee to have general charge of this annual Christmas party. At first, as announced in the December NEWS, it was thought that the usual general collection should be taken to finance the affair. However, on further consideration it was thought quite proper that the G-E Club should stand the expense. It is a happy circumstance that we have this general club of all employees so effectively organized that it is in a position to handle affairs of this sort.

Early in December Mr. Melching, chairman of the general committee, appointed the following sub-committees to assist in staging the event:

Interior Decorations: Mart Einsiedel, Irene Fox, Lois Miller, Grace Phillips, Hazel Newport, Irene Meyers, Edward Koch, Edgar Misegades, Clarence Hueber, Robert Gollmer and H. Odell.

Outside Decorations: Robert Wylie, to be assisted by the plant electrician.

Gifts: Irene Fox, Irene Whitehead, Wm. Melching and Mart Einsiedel.

Entertainment: L. P. Persing and John L. Verweire.

Publicity: X. J. Divens, Alvin Konow and Lois Miller.

On the night of the party the fact that it was the Christmas season at the General Electric was evident to all, as they came in sight of the beautiful outdoor tree and the festoons of colored lights adorning the buildings of the plant. On entering the G-E Club it was found that wreaths, garlands of evergreen, colored lights and a tree had transformed the gymnasium into a place where old Santa Claus seemed perfectly at home.

The entertainment of the evening included first a short program of music by the G-E band. Then the attention was directed to a typical home scene on Christmas Eve. S. C. Newlin, as the father, Irene Meyers, as the mother, and Jacqueline Hench, daughter of Neal Hench, Bldg. 18-1; Betty O'Toole, daughter of Jack O'Toole, Bldg. 19-4; Harold Cox, the Fort Wayne "Kid Kartoonist," and Norman Pape, little nephew of Esther Pape, Bldg. 19-5, were the actors in the home scene.

Early in the act Santa Claus (Argo Vegalus) appeared and the children played their parts in the way of entertaining the good old Saint. Clifford Kirkpatrick, of our city police force, was noticed in the audience and on the invitation of Santa Claus came on the stage and gave some interesting sleight-of-hand tricks. Andrew Philip McKaag, son of Mrs. Lola McKaag, Bldg. 19-5; Harriet Bashford, daughter of Mrs. Bertha Piper, Bldg. 4-4, and Helen Mundt, daughter of Martin Mundt, Bldg. 6, also came from the audience to help show the old fellow a good time.

It was a very clever and happy little entertainment that was enacted for Santa Claus, and it so delighted the old fellow that he called all the children in the audience to the front and presented them with gifts of candy and fruit. And so the story of the big Christmas party ends. Perhaps in our next issue we may give some photographic views that will be of interest, as a record of the first big Christmas party staged by the G-E Club.

## Story Behind the Picture

THE picture on the cover of this issue is that of J. P. (Jack) Schmit at the controls of one of the several floor-operated electric cranes in the Transformer Dept., Bldg. 26-1. It is Mr. Schmit's job to operate all of the cranes used in lifting the heavier parts and the completed power transformers when they are to be moved from one place to another during the course of construction. First, he unloads the heavy tanks when they are brought into the department from the tank shop; then he lowers the core and coil assemblies into the tanks. Later he moves the transformers from test to the spray booth and again by means of a crane assists the craters in getting the transformers boxed or placed on skids ready for shipment. Finally he has further crane work in placing the transformers aboard the railroad cars which take them to their ultimate destinations. In all of this work he is handling heavy and quite expensive units. He understands his job and has a good record for doing his work carefully and safely for all concerned.

Mr. Schmit has been in the General Electric's employ since June, 1917, and during these past ten years has been almost wholly employed in Bldg. 26-1. When the electric elevators were being installed in Bldg. 26, Mr. Schmit helped install them, being then in the employ of the contractor who had the job in hand. When that job was finished, he applied to our Company for work, was hired and for some time was the leader of the group of men maintained in the Transformer Dept. to handle the heavier materials. When such group of workmen was dispensed with, Mr. Schmit was assigned to the operation of the cranes in Bldg. 26-1 and has been on this work ever since. Everyone over there knows Mr. Schmit, his pleasant, kindly way readily making friends of all with whom he comes in contact.

*Wanted!*

*Good Suggestions*

# G-E Folks Enthusiastic About Noon Programs

THE noon-hour programs this year have been distinguished by excellent talent and very good audiences of General Electric folks.

The first program was given by almost an all G-E group, consisting of Ruth Platt, Bldg. 17-2, and Leona Warner, formerly of the Wire and Insulation Dept., known as the "Harmony Girls," Joe Eitman, a well known Transformer engineer, Bldg. 19-2, and Paul Spiegel, Bldg. 18-2. The "Harmony Girls" offerings were some of their favorite songs with piano accompaniment as often featured over local broadcasting station, WOWO. Mr. Eitman played several classical numbers on the violin accompanied by Mr. Spiegel, whose rendition of several request numbers was enjoyed by all present.

The Trinity English Lutheran church choir under the direction of Mr. Krimmel presented a beautiful program of sacred music on November 4th. A capacity audience turned out to hear the choir, an evidence of its well deserved popularity.

On November 8th, Harold Cox, the fourteen-year-old "Kid Kartoonist" of Fort Wayne, gave a most interesting demonstration of his unusual ability in cartooning. He worked before the audience, on an easel placed on the stage. Master Cox's pictures as published in the Saturday evening *News-Sentinel* are occasioning much favorable comment.

Esther Lepper and Mary O'Doud, pupils of the Desilva College of Oratory, contributed the program of November 11th. The readings given were enthusiastically applauded by the audience, the work of these students doing much credit to the training received under Mr. Desilva.

On November 16th, Helen and Alfred Mundt, the children of Martin Mundt, Bldg. 6, gave the program. Helen is quite a talented little pianist for her age, only ten years, and Alfred, sixteen years, does mighty well indeed on the violin. Lena Reinoehl, Bldg. 3-3, accompanied on the piano. This was a very interesting and pleasing program, the audience applauding generously.

On November 18th the program again was given by almost an all G-E group. Flora Boerger, formerly of the Publicity Dept. here, and her sister, Alma, Bldg. 19-5, in German costume, presented several German folk songs; Elida Fries, Bldg. 26-5, in Swedish costume, gave some Swedish songs and Louise Borgman, Bldg. 18-2, also in appropriate costume, presented some Indian songs. LaVera Vail, Bldg. 18-3, accompanied the singers at the piano. The abilities of all these young women are well known to Works audiences, as they have often appeared on local programs.

Rabbi Markowitz gave the Thanksgiving address on November 23rd. His talk, which was inspiring as any ever heard by a Ft. Wayne audience, was very well received by the G-E folks who attended.

The Unique Orchestra furnished music for a dance at the noon-hour of November 29th. The music was fine and the dance a real success. The dancers co-operated splendidly in the wishes of the management that the dancing be not too strenuous as the building was not considered strong enough to withstand the stresses of a crowd dancing the "Black Bottom."

The Parnell String Band appeared on the program for December 2nd. Their semi-classical and popular music as well as the stunts and singing by members of the band were exceedingly well received by the audience.

On December 6th, a second dance was given, the Plymouth Orchestra contributing the excellent music.

Georgiana Bauer, one of our city's well known contralto singers, a teacher of voice and director of the Westminster Presbyterian Church choir, found time from her regular work as a grade teacher in the public schools to come out and sing for us at the noon-hour on December 9th. Her singing was greatly apreciated by the G-E folks assembled to hear her. Miss Bauer was accompanied at the piano by Elizabeth Guenther, Bldg. 19-5.

Our G-E Band presents its regular noon-hour concerts once each two weeks during the winter season in Bldg. 16-2. These are ordinarily on Thursdays, the schedule calling for concerts on January 12th and 26th. Mr. Verwiere, the conductor, selects programs which are sure to please.

Future programs are not scheduled definitely far enough in advance to publish in the NEWS; however, this information is given on the plant's weekly bulletins so that everyone may know the offerings for the week. Irene Fox, Lois Miller and Hazel Newport, the present committee in charge of arranging the programs, will be interested to know of additional talent which might be secured for these noon-hour entertainments.

## Wm. F. Frisch Transferred To Pittsfield

Willam F. Frisch

DECEMBER 1st, William F. Frisch, superintendent of the Transformer Division, was transferred to the Pittsfield Works. He had been in the employ of our Company at Fort Wayne since 1912, when he was given a position in the Construction Dept. as "road man." He came to us with experience along this line having been similarly engaged in such work for the local Traction Company and by Westinghouse Electric. In 1916 Mr Frisch was transferred to the Transformer Dept. as manufacturing engineer, serving under the direction of the managing engineer, E. A. Wagner. In 1924 he secured a Charles A. Coffin Award, being one of the first to receive such an honor. After Mr. Wagner was transferred to Pittsfield Works in July, 1926, Mr. Frisch was made superintendent of the Transformer Division, a position he held until his recent transfer to the Pittsfield Works. The good wishes of members of the Transformer Division and other friends here were evidenced by a dinner given in his honor on November 29th.

# M.B.A. Repeats Successful Year

## 1928 Officers

| Sec. | Chairman | Loca. | Tel. | Sec. | Vice Chairman | Loca. | Tel. | Sec. | Secretary-Treasurer | Loca. | Tel. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Paul Spiegel | 18–2 | 551 | 1 | Howard Arnold | 18–2 | 565 | 1 | Marie Pfleidner | 18–2 | 595 |
| 3 | Robert Gollmer | 10–1 | 603 | 3 | Earl Gebert | 8–2 | 389 | 3 | Walter Muhlenbruck | 10–1 | 603 |
| 4 | Arnold Bloomberg | 19–3 | 481 | 4 | Kenneth Seymour | 19–3 | 481 | 4 | Herman Doell | 19–3 | 481 |
| 5 | H. Grueb | 6–3 | 318 | 5 | Jesse Moser | 6–3 | 659 | 5 | A. J. Kruse | 6–3 | 659 |
| 6 | Ben Kline | 4–5 | 378 | 6 | Ed. Klomp | 4–5 | 484 | 6 | Audrey Ries | 4–5 | 484 |
| 7 | Paul Peterson | 26–1 | 307 | 7 | Reigbley Wickliff | 26–1 | 417 | 7 | Fred Schmidt | 26–1 | 307 |
| 8 | Harlan Voltz | 26–2 | 499 | 8 | Bessie Chapman | 26–2 | 419 | 8 | Hazel Newport | 26–2 | 419 |
| 9 | R. Bengs | 26–5 | 395 | 9 | J. Littlejohn | 26–5 | 497 | 9 | L. Welbaum | 26–5 | 395 |
| 10 | Harry Tieman | 20–1 | 625 | 10 | W. Buuck | 20–1 | 616 | 10 | Forest Somers | 20–1 | 616 |
| 11 | R. Hively | 19–1 | 485 | 11 | R. Ormiston | 19–1 | 485 | 11 | W. Gerdom | 19–1 | 485 |
| 12 | Frank Laier | 19–5 | 649 | 12 | Carl Campbell | 19–5 | 649 | 12 | Josephine Offerle | 19–5 | 649 |
| 13 | Chas. Strodel | 2–3 | 658 | 13 | H. Lapp | 2–2 | 658 | 13 | Fred Paul | 2–3 | 658 |
| 14 | A. Kissinger | 4–1 | 678 | 14 | C. Degitz | 4–1 | 678 | 14 | E. A. Slater | 4–1 | 678 |
| 15 | Russell Noll | 17–4 | 636 | 15 | Ed. Sonday | 17–4 | 636 | 15 | Emma Reiling | 17–4 | 636 |
| 16 | S. C. Newlin | 3–3 | 502 | 16 | L. Kuttner | 3–3 | 670 | 16 | Luella Tarmon | 3–3 | 380 |
| 17 | Frank G. Martin | 19–4 | 310 | 17 | Edwin Rodenbeck | 19–2 | 472 | 17 | Mina Cleverly | 19–4 | 310 |
| 18 | Clarence Hueber | 26–4 | 324 | 18 | Helen Stahl | 26–4 | 656 | 18 | Lloyd Jacobs | 26–4 | 379 |
| 19 | A. R. Spencer | 19–2 | 338 | 19 | Geo. Kinnerk | 19–2 | 364 | 19 | Marie Hohman | 19–2 | 494 |
| 21 | Wm. Link | 2–2 | 232 | 21 | Wilfred Chopson | 6–1 | 663 | 21 | Harry Spackman | 6–1 | 663 |
| 22 | Chas. Langston | Decatur | | 22 | Geo. Myers | Decatur | | 22 | Gladys Reffey | Decatur | |
| 23 | Paul Vance | 19–2 | 510 | 23 | E. L. Locker | 19–5 | 527 | 23 | Paul Bohn | 19–3 | 335 |
| 24 | Herbert Garter | 26–3 | 209 | 24 | Ed. Smith | 26–3 | 209 | 24 | Victor Boutwell | 26–3 | 209 |
| 25 | Geo. Auer | 12–2 | 639 | 25 | Kenneth Sheehan | 12–2 | 639 | 25 | Helen Wilson | 12–2 | 639 |
| 26 | Mardo Tobias | 4–4 | 210 | 26 | Bernard Parent | 4–4 | 210 | 26 | Chas. King | 4–4 | 210 |
| 27 | Russell Owens | Decatur | | 27 | Hubert Cochran | Decatur | | 27 | Verona Snyder | Decatur | |
| 28 | Walter Long | 27 | 412 | 28 | John Schopman | 27 | 412 | 28 | Merle Morkoetter | 27 | 241 |
| 29 | John Felmlee | 17–4 | 466 | 29 | Fred Cooper | 18–5 | 536 | 29 | Hilda Hoeltje | 18–5 | 569 |
| 30 | John Schwartz | W.S. | 676 | 30 | Ed. Bunting | W.S. | | 30 | Anna Passon | W.S. | 676 |
| 31 | Frank Quinn | 4–3 | 697 | 31 | Harry Waters | 4–3 | 697 | 31 | Ed. Johnson | 4–3 | 697 |
| 32 | Fred Stein | 17–2 | 283 | 32 | Joe Walker | 17–2 | 283 | 32 | Viola Kissinger | 17–2 | 283 |

THE Fort Wayne Works Mutual Benefit Association has shown a steady gain in assets since the change in the by-laws last May. There has been paid out for sickness, accident benefits and death claims an average of $863.41 per week. The average income from dues and interest is approximately $1200 per week, making a gain of $336.59 per week. At the time of writing, the M.B.A. has in cash and first mortgage 6 per cent real estate bonds $20,558.42. There are approximately 4600 members and in order to get our finances up to the maximum amount, that is $6.00 per member, we will have to add to our present assets approximately $7500.00. If our expenditures for sickness, accidents and deaths remain about the same as the average for the past 26 weeks, it will require from five to six months to reach the maximum in our treasury. According to past experience we will probably have more sickness in the next few months, and this, of course, will make it necessary that dues be collected for a longer period than estimated.

The Decatur Works M.B.A. receipts have been averaging $80.48 per week, benefits paid out $41.99 per week, making a gain of $38.49 per week. The Decatur Works had almost reached its upper limit, but due to the accident in which four employees were killed it will take Decatur approximately 20 weeks to reach its upper limit in funds providing receipts and expenditures maintain their average.

The Mutual Benefit Association provides insurance against accident, sickness and death at less than actual cost. It is operated at less than cost because of the time and effort given the association by the Company. All the money that is collected through dues and from investments is used to pay claims, so it is absolutely impossible to secure any insurance at a cheaper rate.

The need for such insurance seems to come most unexpectedly. Those employees who are not protected by a membership in the M.B.A., owe it to themselves and their families to secure this protection. The executives of the Company are anxious that all employees avail themselves of this privilege. The officers endeavor to see that no improper claims are allowed, so that the costs may be as low as possible. The funds are invested in first mortgage bonds that yield 6 per cent net. A comparatively small checking account is maintained and with this arrangement almost all of the money of the M.B.A. is working for the association.

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## G-E Night School Announcement

*The Spring Term opens the first week of January.*

THE G-E Night School has just completed another successful term in its career of supplying the educational wants of General Electric employees at Fort Wayne. Thirteen different classes, with an enrollment of twelve students or more each, completed their work in the following subjects: Arithmetic and Blue Print Reading, Algebra, Mechanical Drawing, Chemistry, Business English, Typewriting, Shorthand and Trigonometry.

Many of these students are planning to continue their studies in more advanced subjects in the spring term which will start the week of January 2, 1928. The Night School booklets describing the courses have already been distributed to the employees and the number of applications coming in indicates that the enrollment will be good.

Application will be accepted up to and including January 14th.

L. C. SWAGER.

# Suggestion Awards

THE elimination of what proved to be an unprofitable operation was the basis on which the largest suggestion award was made during the period covered by this report. Wallace Reed, Transportation Dept., made a suggestion that the bailing of waste paper, which we sell, be discontinued. The plan has been tried out and the results show a considerable net profit. Mr. Reed was awarded $100 on his suggestion.

Russel L. Cummins, Bldg. 26-2, thought of a use of paper sacks for protecting radio transformers before filling with compound. On his suggestion regarding this matter he was awarded $60.

Garland Roby, Bldg. 4-4, was awarded $25 on his suggestion regarding the supply of a fixture for simultaneously tapping two holes in certain fractional horsepower motor flanges.

A. C. Hartman, Bldg. 3-3, suggested the elimination of the balancing wings from certain fractional horsepower motor armatures. The award to him on this suggestion was $20.

John E. Deahl. Bldg. 17-3, was awarded $20 on his suggestion to ream certain tubes used in fractional horsepower motor construction, on the automatics in Bldg. 17-3.

Frank Berquist, Winter Street, suggestion of an improved system of testing for evaporator leaks in refrigerating machines brought him an award of $15.

Fred H. Wenk, Bldg. 3-2, was awarded $15 on suggesting splicing the ends of copper in making certain apparatus regulator coils and thereby effecting a saving.

B. C. Weber, Bldg. 26-5, was awardeded $10 on his suggestion regarding the installation of a device at the furnaces in the Tool Making Dept., to protect the operators from the heat by laying a screen of air across the mouth of the furnace.

Chauncey Buel, Bldg. 19-5, received $10 award on his suggestion regarding a change to H. G. relay coil assembly.

Harold C. Gillian

Garland Roby

Wallace Reed

Carl Sorenson, Bldg. 19-2, suggested a change in Type TS machines to aid in eliminating grounds. He received $10 award.

Paul Rodmerski, Winter Street, was awarded $10 on his suggestion of a checking fixture for use on the crank shaft of DR-3 machines.

Millard Akers, Bldg. 6-2, on his suggestion regarding the packing of RSA Frame 2450 motors in corrugated paper cartons received $10 award.

Ralph W. Bradtmiller and Ed. Doble, Bldg. 26-2, shared an award of $10 for their suggestion of cooling GW-19 transformers before testing them.

Fifty-six different awards of $5.00 each were paid in the period November 14th to December 6th inclusive. These went to the following:

Ream Huffman, Bldg. 2-1, installing improved guides on machines in Bldg. 8-1.

Frieda Cummings, Bldg. 19-5, lengthening M-10 shafts to eliminate end play.

Albert Hettler, Bldg. 26-B, system of skids for handling barrels in Bldg. 30.

Esther S. Shannon, Bldg. 8-1, change to spool support on respooler in Bldg. 7-1.

Harry B. Combes, Bldg. 19-4, installation of a ventilating system at magnet grinders in Bldg. 19-4.

Clayton Raquet, Bldg. 16-4, buffing certain meter worm gears in Bldg. 26-4.

Peter J. Seibel, Bldg. 26-5, improvements to automatic motor flange machine.

Paul Dole, Bldg. 26-5, additions to meter base machine to eliminate vibration.

C. Rodenbeck, Bldg. 19-1, eliminating lettering on certain apparatus bases.

Ream Huffman, Bldg. 2-1, change to rear guide rolls in wire rolling machine in Bldg. 2-1.

Frank H. Lemish and Walter Harshman, Bldg. 26-3, supplying a gauge for second operation in punching slots in W. S. O. Tanks.

Josie M. Wallman, Bldg. 4-3, installation of a call bell in Bldg. 4-3.

W. E. Tibbits, Bldg. 4-5, changing containers used in Bldg. 4-5 assembly.

Wm. L. Glenn, Bldg. 7-2, installing a ladder at platform in Bldg. 2-E.

F. C. Graffe, Bldg. 3-3, discontinuing the use of employees' identification buttons.

Melvin J. Kestner, Winter Street, supplying a combination stamp for stamping nameplates at the Winter Street plant.

Archie Johnson, Bldg. 20-1, guard for motor at conveyor in Bldg. 26-3.

Merle Witmer, Winter Street, guard for weights at drying oven at Winter Street plant.

James Fuller, Bldg. 27, supplying equipment to handle material at punch press in Bldg. 27.

Geo. A. Thomas, Bldg. 20-2, supplying non-skid flooring at Transformer Test Rack in Bldg. 26-3.

W. E. Tibbits, Bldg. 4-5, supplying additional soldering iron holders for use in Bldg. 4-5.

W. E. Tibbits, Bldg. 4-5, boxing cables used with certain fractional horsepower motors.

D. McKering, Bldg. 20-1, change to valve at sand blast in Bldg. 4-5.

Harry B. Combes, Bldg. 19-4, change to operations on phonograph motor lower bearing hole.

H. A. Hart, Bldg. 4-5, change to certain R. K. T. nameplates.

Gustave Doepke, Winter Street, supplying valve caps on DR-3 evacuator tubes at the Winter Street plant.

Ray C. Davis, Winter Street, supplying a special tool for final assembly at the Winter Street plant.

George England, Bldg. 26-2, a clamping device to hold wire spools in Bldg. 26-2.

Julius J. Warnement, Winter Street, use of chamois for cleaning box tops at the Winter Street plant.

A. F. De La Grange, Bldg. 19-3, tagging various apparatus parts to avoid error in shipment.

Sam Shive, Bldg. 19-3, change to drill press No. 8082 in Bldg. 19-3 to facilitate use on certain frames.

Louis Scherer, Bldg. 2-E, guard at saw in Bldg. 26-1.

Josephine Offerle, Bldg. 19-3, supplying racks for taping operators in Bldg. 19-5.

Dorris D. Proxmire, Bldg. 19-4, change to design of G-8 meter resetting spring.

Sam Shive, Bldg. 17-1, supplying new jaws for drill press in Bldg. 17-1.

*(Continued on page 15)*

FORT WAYNE
WORKS NEWS

*Published on the first Friday of each month by the General Electric Co. in the interests of the employees of the Broadway, Winter Street and Decatur Plants.*

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F. G. Duryee..................Volunteer Firemen
John L. Verweire..................................Band
J. E. Hall................Quarter Century Club

**Vol. 12** **January 6, 1928** **No. 1**

## Deaths

### Mrs. Lillian M. Hilyard

ON November 24th, Mrs. Lillian Marie Hilyard, clerk in the Meter Cost Dept., died at her home, 4308 Tacoma Avenue. Mrs. Hilyard had been ill for quite a long time, the condition of her health in March being such that she had to give up her work. She had come to General Electric on April 19, 1920, and was assigned to a clerical position under Mr. Breidenstein. She proved very capable at her work and was highly popular with all her associates. Funeral services were held at her home here in Fort Wayne on Monday afternoon, November 28th, and later the same day at the Methodist Episcopal Church at Decatur. Burial was made at Decatur.

### Ludwig Genther

Ludwig Genther, an employee of the Meter Division for the past 25 years, was found dead in his home, 1240 Nuttman Avenue, when members of the family returned home from church on Sunday, November 27th. For almost two years past Mr. Genther had been in ill health but had been quite regularly at his work until the last four weeks.

Mr. Genther was a native of Germany, but came to the United States in 1881 when he was 22 years of age. On October 10, 1902, he began his service with General Electric, working as a bench hand. During the last few years he was assigned to an easier job handling the mail and messenger work for the Meter Dept. He was a very conscientious employee and had a large circle of friends among his associates in the Meter Section. His daughter Elizabeth is in the Meter Production Office.

## The New Pension Plan

*In this issue of the* NEWS *will be found the announcement of a modification or amplification of our pension plan, which has been developed to enable the employees of this Company to augment by consistent savings the amounts they would receive under the pension plan as it has been in effect for some years past.*

*These savings are small, being, in the case of those of over five years' service, only a part of the five per cent supplementary compensation which such employees receive.*

*In view of the benefits to be derived from such a plan at a time of life when they are most needed, it is felt that these subscriptions will not be burdensome and that the Company is justified in making the acceptance of this plan a mutual condition of employment after five years' service, and at ages under forty-five. The details of this revised plan were discussed recently with a group of representative workers from several departments of Fort Wayne Works, and while there were some minor objections and suggestions for revision (some of which have been adopted), the general reaction was favorable and the modification considered a desirable addition to the present pension plan.*

*Since the Company has adopted this modified pension plan, effective as of January 1, 1929, it is recommended that all employees read the announcement very carefully and make sure its provisions are thoroughly understood.*

WALTER GOLL.

## Absent Employees

Mrs. Nina Valodin, of the Works Cafeteria, is a patient at the Lutheran hospital recovering from an operation. Her condition is improving and she is planning on leaving the hospital soon. Her home is at 2513 Thompson Ave.

Frank Stark, Apparatus Dept., Bldg. 19-1, is a patient at the St. Joseph hospital recovering from a serious operation, but he is improving. We hope that he will shortly be well enough to be moved to his home, 708 W. De Wald St.

Cameron Smith, Transformer Dept., is now at his home at 112 Mechanic St., recovering from an operation which he underwent recently. He reports that he is feeling fine now and will soon be able to return.

Everett Pace, Shipping Dept., is at his home at 1438 Huestis Ave., recovering from injuries he lately received. He reports that he is feeling fine and can hardly wait to get back to work.

Donald Thompson, Apprentice Dept., is confined to his home recovering from the effects of recent burns. In spite of the pain from his injuries he has been very cheerful and feels that he is lucky that they were not any worse. His home is at 932 Grace Ave.

Merle Phillips, Transformer Dept., Bldg. 26-1, has been ill and unable to be at work for several weeks. While she is feeling some better, she cannot be sure as to when she will be able to return to work. She lives at 1231 S. Barr St.

Mrs. Mary Snell, Small Motor Dept., Bldg. 4-1, is now at her home at 924 E. Creighton Ave., recovering from a recent operation. Her condition is very good and she feels sure that she will soon be able to return to work.

A. Hitzeman, Bldg. 19-3, has been confined to his home at 2715 Hoagland Ave. for the past month on account of sickness. Happily his condition is somewhat improved and we are to see him soon.

Lawrence Bonar, Carpenter Shop, has been away from work for several weeks because of illness. The latest report from his home is that he is feeling some better.

Mrs. Esther Hawk, Small Motor Dept., Bldg. 17-2, is improving nicely following her recent operation. Her friends may call on her at her home, 1118 Tennessee Ave.

Sidney Chapman, Winter Street plant, is a patient at the St. Joseph hospital. He is improving nicely and should leave the hospital soon.

James Miller, Small Motor Dept., has been confined to his home for the past month on account of sickness. His condition was considered serious for a time but he is now improving rapidly. Mr. Miller's home is at 2112 Nelson St.

Mrs. Leora Poe, a stenographer in Bldg. 18-1, is a patient at the St. Joseph hospital where she underwent an operation. She expects to leave the hospital in a short time.

# Company Proposes Revised Pension Plan and Establishes Pension Trust

## *Plan Provides Additional Pension for Old Age*

IN 1912 the General Electric Company established a Pension Plan for its employees. The rate at which such pensions were computed was 1 per cent of the earnings for each year of continuous service. In 1918 this was increased to 1½ per cent.

In the last few years much study has been given to the Pension Plan. In the hope of making the plan more effective, the following modifications are proposed:

### Section I

1. Heretofore the Company has carried as a reserve on its balance sheet an amount sufficient to meet its obligations to its employees reaching the pensionable age or retired on pension. At December 31, 1926, this amounted to $4,260,486. It has now been decided to increase this amount to $5,000,000 and to create a Pension Trust. The Trustees will invest this money in suitable securities from time to time, and use it for the purpose of providing the funds needed for those retiring on pension. The Trustees will be the members of the Pension Board, the president of the G. E. Employees Securities Corporation, ex-officio, and one member chosen by the Board of the G. E. Employees Securities Corporation from among the directors representing the bondholders.

2. The retirement age in the past, after at least 20 years of continuous service, has been 70 years of age for men and 60 years of age for women. This will remain the same. Under the new plan proposed, men employees at 65 years of age, with at least 20 years of continuous service, will be retired on pension at a rate on a life expectancy basis at their request, or may be retired by the Pension Board, subject to the following provisions:

### Section II

The Company desires to supplement the Pension Plan by establishing an Additional Pension Plan from contributions by the employees so that on retirement the provision for old age shall be more adequate. The funds so set aside by the employees are and will always remain theirs. It becomes a nucleus of savings. If the employee leaves the Company or dies, he or his estate receives the amount so accumulated. If he retires on pension, he will receive monthly payments based on the funds so accumulated in addition to the pension from the Company.

It is proposed,

1. That all employees 45 years of age and less on January 1, 1929, who have been 5 years or more in the service of the Company, and receive 5 per cent supplementary compensation, set aside 1½ per cent of their earnings from such supplementary compensation paid semi-annually.

2. That all employees of whatever age who on January 1, 1929, have been in the service less than 5 years, may at the end of the first year of employment set aside semi-annually 1½ per cent of their earnings from a fund accumulated by weekly or monthly savings under plans already established. At the end of 5 years of service and for such employees receiving supplementary compensation, setting aside of 1½ per cent of their earnings for the Additional Pension Plan becomes a mutual condition of employment.

3. That all other employees receiving 5 per cent supplementary compensation are urged to set aside funds as above provided. Acceptance of this provision gives them the assurance of larger pensions and gives the men the option of retiring on pension at 65 years of age, *and this option can only be exercised by the men by acceptance of this provision prior to July 1, 1929.*

4. The amount so set aside, as above provided, shall be turned over to a board of 7 custodians, who shall be the members of the Pension Board, the President of the G. E. Employees Securities Corporation, ex-officio, and one member chosen by the Board of the G. E. Employees Securities Corporation from among the directors representing the bondholders.

5. The amount so set aside shall be invested and shall be held for each employee individually, and the interest shall not be withdrawn but allowed to accumulate. It is proposed in the beginning that the custodians will invest the money so set aside in bonds of the G. E. Employees Securities Corporation. *It is to be understood, however, that the custodians may use their discretion as to the securities in which these funds are to be invested, and the funds will be compounded at the rate such securities yield.*

6. At the time the employee retires on pension, the custodians will in their discretion pay him the amount so accumulated in cash or, if the employee desires and the custodians approve, in securities, or at the request of the employee use the accumulated fund for the purchase of an annuity, or pay the employee the amount so accumulated in not less than 120 monthly payments. If payment is made in 120 monthly payments and the employee should die before such payments are completed, the remainder of the payments will be made to the employee's estate, or at the request of the estate will be capitalized and paid in one sum.

7. If the employee leaves the service of the Company or dies before he retires on pension, the amount so accumulated shall be given to him or his estate.

8. For all other employees not receiving supplementary compensation, a similar plan shall be followed but the amount to be set aside will be deducted semi-annually from a fund accumulated by weekly or monthly savings under plans already established or annually from the employee's compensation.

9. As an illustration of the results to be expected under this Additional Pension Plan, the table

is herewith presented from which each employee can see for himself the results for different rates of pay and lengths of service. As example, an employee entering the service at 24, and remaining until he is 65 years of age, with average earnings of $40 per week, will set aside $15 semi-annually. If he leaves or dies at the end of 20 years of payments the amount so set aside will be $600, but he or his family will receive the sum of $1011.05. If he remains in the service of the Company until 65 years of age, the amount so set aside in 40 years will be $1200, but the amount accumulated will be $3725.75. If he retires on pension at that time the 120 monthly payments from the amounts accumulated would be $39.52 and the pension granted by the Company for 41 years of service would be $79.61 per month, or a total of $119.13 per month. The above example is based on a return of 5 per cent compounded semi-annually.

GERARD SWOPE,
*President.*

| A<br>Earnings Per Week | B<br>Approximate Amount Set Aside Semi-annually | AMOUNT ACCUMULATED AT END OF PERIOD OF SAVINGS* | | | | | MONTHLY PENSION | | |
|---|---|---|---|---|---|---|---|---|---|
| | | C<br>10 Years | D<br>20 Years | E<br>30 Years | F<br>40 Years | G<br>50 Years | H<br>From Amount Accumulated Column F** | I<br>From Company*** | J<br>Total |
| $20.00 | $ 7.50 | $191.59 | $ 505.52 | $1019.94 | $1862.87 | $3244.12 | $19.76 | $ 39.80 | $ 59.56 |
| 30.00 | 11.25 | 287.38 | 758.28 | 1529.91 | 2794.31 | 4866.18 | 29.64 | 59.71 | 89.35 |
| 40.00 | 15.00 | 383.18 | 1011.05 | 2039.88 | 3725.75 | 6488.24 | 39.52 | 79.61 | 119.13 |
| 50.00 | 18.75 | 478.97 | 1263.81 | 2549.85 | 4657.18 | 8110.29 | 49.40 | 99.51 | 148.91 |
| 60.00 | 22.50 | 574.76 | 1516.57 | 3059.82 | 5588.62 | 9732.35 | 59.28 | 119.41 | 178.69 |
| 70.00 | 26.25 | 670.56 | 1769.33 | 3569.79 | 6520.05 | 11354.41 | 69.16 | 139.31 | 208.47 |
| 80.00 | 30.00 | 766.35 | 2022.09 | 4079.76 | 7451.49 | 12976.47 | 79.04 | 159.22 | 238.26 |

* Computed on basis of return of 5% per year, compounded semi-annually.

** To be paid for 120 months.

*** To be paid for life, computed on basis of 41 years of service and on rate based on life expectancy, equivalent to 1½% at age 70.

# Dividend of Two Months' Premium on Additional Insurance Is Declared; Modified Plan Proposed

IN November, 1925, a plan of additional insurance was inaugurated, and in the two years since that time approximately $1,421,000 has been paid to 652 families of deceased employees, of which $744,000 was under the free insurance policy of the Company, and $677,000 was the additional insurance paid for by the employees.

On and after January 1, 1926, all new employees desiring to receive free insurance were required to obtain and continue to hold additional insurance protection. A large number of such new employees, and a large majority of old employees, have taken out additional insurance. There are a number of new employees who have not taken additional insurance and therefore have no free insurance whatsoever from the Company, and will be without this protection for their families. The cost of this additional insurance is low, and last year premiums were only collected for eleven months.

Because of satisfactory results during 1927, there will be a dividend equivalent to 16⅔ per cent of annual premiums. This dividend will be paid to the policyholders by not collecting the monthly premiums for January and February.

It is our desire that all employees provide against the uncertainty of life and the certainty of death for the protection of their families and dependents with the minimum amount of insurance, and after much consideration the following modification of the insurance plan is proposed:

1. That all men 45 years of age and less on January 1, 1929, who have been five years or more in the service of the Company, carry additional insurance.

2. That all men of whatever age, who on January 1, 1929, have been in the service less than five years, may, at the end of the first year of employment, take additional insurance as at present. At the end of five years' service, carrying additional insurance becomes a mutual condition of employment.

3. That all other employees of the Company are urged to carry additional insurance.

4. The premiums for employees taking additional insurance will be deducted semi-annually in advance from the supplementary compensation or a fund accumulated by weekly or monthly savings under plans already established. For employees not provided for above, the premiums will be deducted annually in advance from their compensation.

5. When an employee leaves the service of the Company, the unearned advance premium payment on additional insurance will be returned to him.

GERARD SWOPE,
*President.*

THE BLOODHOUNDS ARE COMING!

The two photographs above show some of the preparations for the recent film version of the well-known story, "Uncle Tom's Cabin". It will be remembered that Eliza, of the story, had fled and crossed the river by leaping from ice block to ice block. The ice blocks used in the film (shown on the left) were made of wood covered with plaster of paris and held in place by wire. The picture on the right shows the snow and wind machines, the snow blown from them being made of a mixture of marble dust, gypsum, salt, flour, corn meal and other substances. Incidentally, many of these scenes were made at 3 o'clock in the morning and G-E lights furnished the illumination.

## Committee Appointed to Supervise Loans

THE Board of Directors has authorized President Swope to appoint a committee to supervise the awarding of loans to employees and sons of employees who may wish to continue their education at any college in the United States.

Under the provisions of the loan fund established by Mr. Swope at Union College, a committee is also to be designated to co-operate with the president of Union College in awarding loans to employees and sons of employees who may wish to attend Union College.

The following committee has been appointed to undertake the functions outlined above: G. H. Pfeif, chairman, E. R. Doherty, E. R. Anderson, I. D. LeFevre, A. C. Stevens, and W. W. Trench. This committee will also continue to supervise the awarding of the Charles P. Steinmetz Memorial Scholarships.

## New Bond Issue Announced for 1928

IN response to inquiries from the directors of the G.E. Employees Securities Corporation who represent the bondholders, President Swope last month announced that there would be, as usual, a new series of bonds in 1928. Following are the rules, as outlined in a recent announcement by President Swope, under which G-E employees may subscribe to the bonds:

1. Employees of the General Electric Company, who on February 29, 1928, will have been in the service of the Company at least six months, will be given an opportunity to subscribe during the calendar year 1928 to bonds of the G.E. Employees Securities Corporation upon the same terms as heretofore.

2. Subscriptions on forms provided for the purpose (obtainable from foremen or department heads at works, from district auditors, and from the treasurer at the General Office) will be accepted from employees as follows:

Plan A—Deductions from earnings at the rate of $1 per week (beginning with payroll of February 17, 1928) or $5 per month (beginning with payroll of February 29, 1928) or such multiples thereof as will enable the subscriber to pay for his bonds in full within one year.

Subscriptions will be received up to and inclusive of January 28, 1928.

Plan B—Cash in Full.

Subscriptions will be accepted at any time during the year 1928, but will be payable only on and after February 13, 1928.

3. The aggregate amount for which an employee may subscribe during the calendar year is $500.

4. There is no obligation placed upon any employee to subscribe to the bonds, which are issued solely to provide a convenient means for employees to save at a favorable rate of income.

That the Securities Corporation Bonds are popular with G-E employees is shown by the statement, made recently by J. R. Lovejoy, president of the corporation, that 27,000 employees hold them. This is approximately 36 per cent of all G-E employees, and the total face value of the bonds which they hold is about $30,000,000, or an average of approximately $1000 per person.

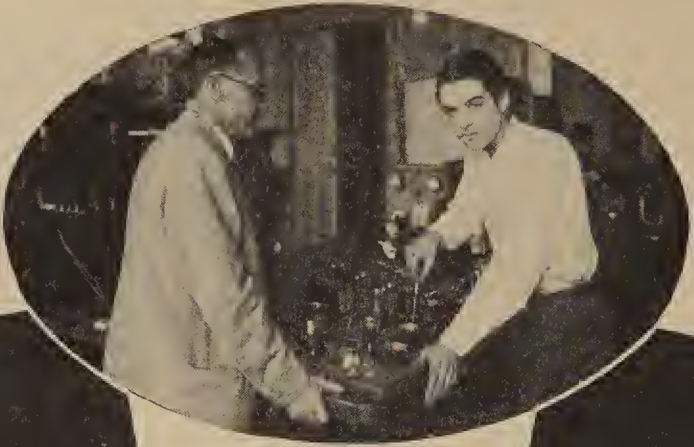
These bonds pay six per cent interest, but so long as the original holder remains in the employ of the Company an additional two per cent is paid by the Company.

## Pension Board Picked

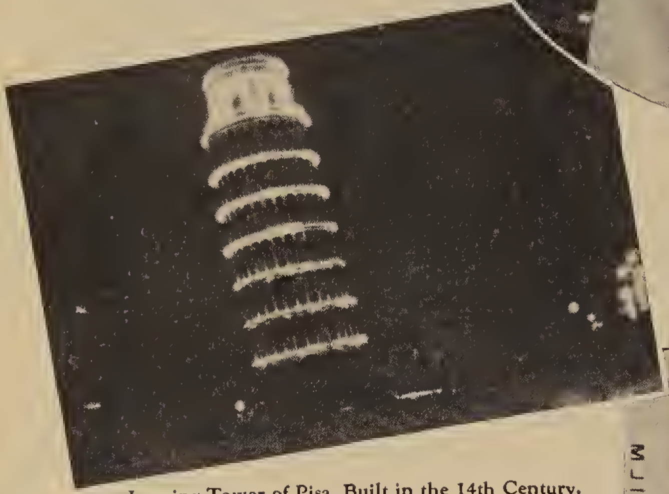
THE first Board of Trustees under the General Electric Pension Trust, in accordance with the plan, is as follows: E. W. Rice, Jr., C. C. Chesney, A. H. Jackson, W. W. Trench, S. L. Whitestone, J. R. Lovejoy, president G.E. Employees Securities Corporation, ex-officio; R. C. Graham, chosen from the directors representing the bond holders of the G.E. Employees Securities Corporation.

GERARD SWOPE,
*President.*

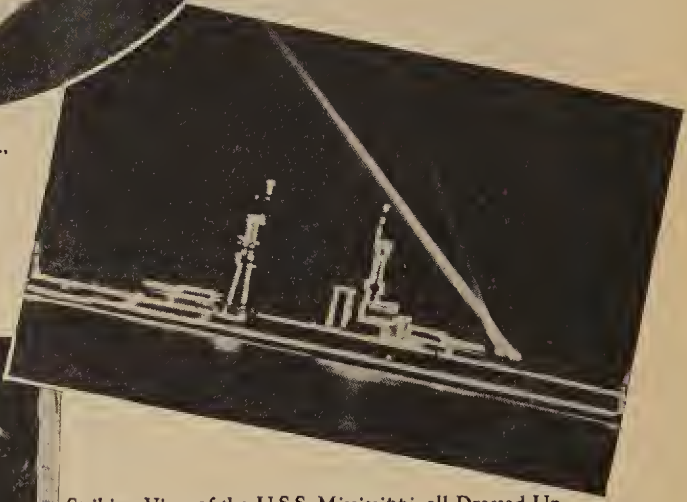
# *Following the G-E Camera Man Around*



*Above:* Christy Mathewson, Jr., Now a G-E Man

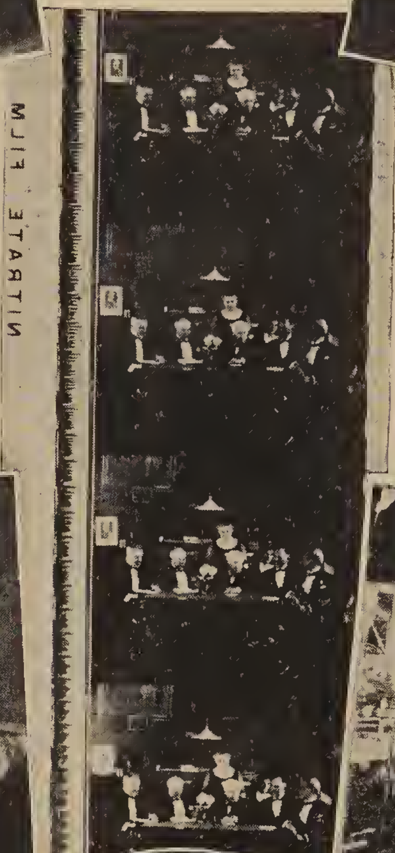


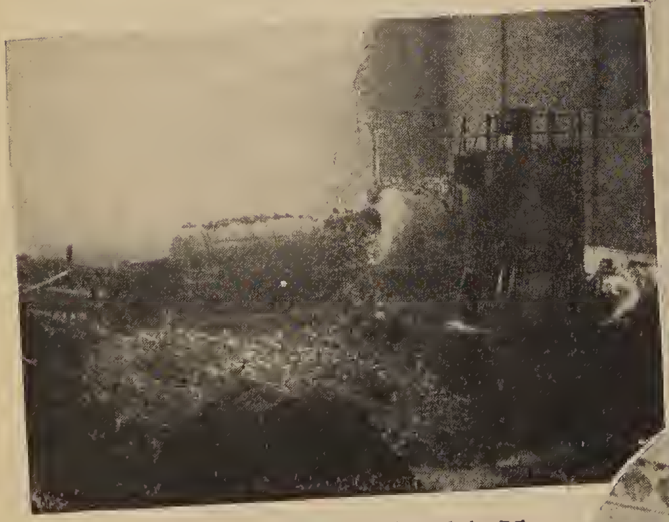
Leaning Tower of Pisa, Built in the 14th Century, Adopts 20th Century Lighting
*—Ewing Galloway*



Striking View of the U.S.S. *Mississippi*, all Dressed Up in a New Coat of Illumination

*Below:* A Talking Picture of Thomas A. Edison





This G-E Turbine Managed to Withstand the Effects of the St. Louis Tornado

The Flood Didn't do Much to This Vermont Power House. Note the row of G-E generators, still half submerged

"Miss Lynn," Who is Muriel Bowers, of the Lynn Works, Made Quite a Hit at the Atlantic City Pageant

# Around the World with General Electric

### Spain

The Pyrenees Mountains, an age-old barrier between two neighboring European countries, France and Spain, will soon be climbed and pierced by an electric railroad. For years these mountains have presented difficult problems to those looking for a direct route between certain parts of France and Spain, and have had a large part in isolating Spain from the rest of the continent. Now, with the aid of the electric railroad, the problem is at last on the point of being solved. Our French affiliated company is supplying much of the equipment for this project.

### France

In these highly artificial days, when vanilla (known to chemists as $CH_3O\ C_6H_3\ OH\text{-}CHO$) is made in laboratories and is no longer the product of the vanilla bean, when silk no longer comes from the silk worm but is a modified form of dynamite, and when no woman's complexion can be called her own, we can never be quite sure whether the things we buy grow naturally or in test tubes. This, it happens, is no disadvantage, for in most cases the synthetic materials are as good as, or better than, most materials which have a natural origin. The *Compagnie Francaise Thomson-Houston*, our French affiliated company, has recently contributed to this movement by installing electrical equipment in a plant which will produce synthetic ammonia.

### New Jersey

A short time ago we were told about the huge airplane carrier, the U.S.S. *Lexington*, which Uncle Sam had built for his navy. There was also a story about the *Lexington's* sister ship, U.S.S. *Saratoga*, which had been launched at Camden, New Jersey, and was being outfitted. Very recently this big ship, the fastest American naval vessel ever built, was turned over to the government. It will go into active service about the middle of 1928. G-E monograms may be found on electrical equipment in every part of this vessel.

### Philippine Islands

The world will be a sweeter place to live in when the new sugar mill is added to the properties of the Central Azucerara de Tarlac, an old established sugar-manufacturing company. Increased demand for its product caused this company to lay plans for a large new factory, and General Electric was of course called upon to supply the electrical equipment.

### Schenectady

On the opposite page is a picture of Christy Mathewson, Jr., son of the famous "Big Six of Baseball," standing with Dr. W. R. Whitney, director of the G-E Research Laboratory, where Christy, Jr., is employed. Unlike his father, young Christy does not incline toward baseball, being more interested in tennis, golf, and research work. He has been assigned to the power tube development section of the Research Laboratory.

### China

A G-E distributed product which is becoming extremely popular in foreign countries is the tickless clock. This type of clock, known commercially as the Telechron, is operated electrically and requires practically no attention. One man reports that his Telechron has run perfectly for 14 years, having been oiled only twice during that period. The average cost has been about 50 cents a year, or about $7 for the 14 years. Thus, for $7 the clock has run about 411,000,000 seconds, with no trouble. A substantial quantity of these clocks has recently been shipped to China.

### New York State

Although the Niagara Falls is one of the greatest sources of power in the world, there is an international agreement which prohibits the diverting of more than a certain amount of its water for the purpose of generating electricity. The object of this wise law is, of course, to insure the permanent beauty of the falls. But one of its results is that steam is being used in increasing amounts for the generation of electricity in this region. General Electric just furnished a 75,000-kilowatt steam turbine for use at Buffalo.

### Australia

The Australian sporting public is being given a rare treat these days. A monorail system—that is, a railway system with a single overhead rail—about 460 yards long, carries a toy rabbit around a race track at speeds ranging up to 50 miles an hour. Greyhounds are given a chance to show their speed by chasing this supposed rabbit. This sport is an ultramodern form of the old game of hare and hounds. G-E motors and control were chosen for this installation.

### New Jersey

Thomas A. Edison recently saw and heard himself talk for the first time when he was shown the talking movies of the interview which he gave over the radio last October. The making of this film was accomplished in an unusual manner. Picture and voice were recorded by two sets of apparatus nearly 200 miles apart, yet both records were perfectly synchronized later on one film. On the opposite page is shown what the film looks like. The saw-toothed line on the left-hand side of the film is the record of Mr. Edison's voice.

# What We're Thinking About

## Alarm Clocks—Romantic?

IN Connecticut there lives a man, the president of a clock-making company, who is fighting tooth and nail to get a shipment of alarm clocks across the high Himalaya Mountains of Asia. Alarm clocks seem prosaic enough to most people, but they certainly give this man plenty of excitement.

In Cleveland, some few years ago, there lived a man who made his living by peddling candy. One day he noticed a very minor fact about human beings. He noticed that they were always chewing on something—a toothpick, or a straw, or a piece of chewy candy; and it occurred to him that a fortune might be made by supplying human beings with something made especially for chewing.

He went to far-off Mexico, and found a certain type of gum, which, in different brands and in different flavors, is chewed by Americans today to the extent of a hundred million dollars a year.

A number of stories like these might be, and have been, told; stories of achievement, of success. Modern romance is not concerned with knights and fair ladies, with Indians and cowboys, and battles, and the imaginary activities of international spies. The *real* romance of today—the romance which stirs us all—is to be found in the stuff of our daily lives. It is that of business and industry.

What business is without its romantic side? The electrical manufacturing industry, in which we are all engaged? Not much!

Are you working on a compressor? One of these days it will be supplying the force with which men burrow their way beneath rivers and through mountains. Surely more romantic—because true—than the fairy tales we used to read, about gnomes and dwarfs who lived in mountains!

Do you machine turbine shafts? A day will come when that turbine joins those which have already gone forth from our factories, and when it will be set to work producing more of the power which lightens men's burdens. More romantic than the story of Aladdin's lamp—because true!

What is your part in the great game? Is it the pressing of pieces which will one day go into a motor? G-E motors, those which you have had your share in making, are to be found all over the world, busily at work in every nook and cranny of civilization.

Do you help to make wiring supplies, or switchboards, or lamps, or meters? You are doing your share for civilization, and helping to make modern miracles possible.

There is real romance in business, and in industry. The wars of princes and kings seem pretty flat today. They do not thrill us. For in their place has come a greater war—the war of man against nature. All humanity has joined in one huge alliance to subdue and bring to man's service the elements which surround us. In the gradual triumphs of man over the material world, in the victories which he is slowly achieving over the wind and the rain, over time and space, over land and sea and the air, lie the greatest romance of our time!

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## A Happy New Year!

ANOTHER year has whizzed by!

One might pause for a few moments, and compose a dissertation on the fact that oneself, one's friends, one's nation, the world, the universe—everything in fact—is a year older Or one might bend gravely to the task of weighing the good accomplishments of the past year against the bad. One might sum up, if one had the time, or the inclination, the progress which the world has made during the twelve months which have slipped so rapidly past us.

Buon Capo d'Anno!
Feliz Año Nuevo!
S Novim Godom!
Prosit!
Glædelig Nyt Aar!
Happy New Year!

It is safe to say that the progress of the world has not halted. Certainly not in the electrical industry, as Mr. Liston's interesting summary, published elsewhere in this magazine, makes very clear.

But, for the moment, let's not be too grave! On this, the eve of the year A.D. 1928, the glad greeting, "A Happy New Year! A Happy New Year!" is to be heard the wide world over.

This magazine, not to be outdone, takes the liberty of joining in the chorus, and extending to its readers a New Year's greeting as hearty as the best of them. This is a very large family, this G-E family of which we are all members. And though we are united in one huge co-operative undertaking, people from the four corners of the earth have been drawn together into its membership—people many of whose native tongues are far different from our everyday English. But few languages have no New Year's greeting. So, to you all:

Buon Capo d' Anno!
Szczęśliwy Nowy Rok!
Prosit Neujahr!
Feliz Año Nuevo!
Glædelig Nyt Aar!
Bonne Année et Bonne Santé!
Gelukkig Nieuwjaar!
Feliz Anno Novo!
Lyckligt Nytt År!
Shin-nen Omedeto Gozaimasu!
S Novim Godom!
A Happy New Year!

# The Old Way and the New

NOT so many generations ago most of our families were engaged in tilling the soil. In those days men were not very dependent upon their neighbors. They provided their own clothing, their own food, their own amusements. There was one time, however, when most of them were dependent on their neighbors' help—in time of death. When the breadwinner was taken away, the result was generally destitution for the family, or dependence upon the charity of the neighbors.

For the most part the neighbors were not lacking in charity. They generally took up collections among themselves to tide the unfortunate family over until the children were able to go to work. In parts of England, long ago, there was even a crude sort of system for providing against death. The members of small villages, rather than be called to help their neighbors when they themselves, perhaps, were in none too good a position, started the plan of paying sums at intervals into the village treasury, for use in times of distress.

The idea was generous. The plan worked fairly well. But when several deaths occurred in one village at the same time there wasn't always enough money put by in the treasury to go around. So the plan didn't always work as well as was desired.

Things are different these days, since the coming of insurance. There is no guess work. Just as the villagers paid their bit into the town treasury to care for the families in time of death, millions of people pay money into the insurance companies for the same purpose. But there is one important difference! The plan is now on a scientific basis. And when a breadwinner who has made insurance protection for his family dies today, he can be certain that his family will be paid the amount definitely arranged for by him beforehand.

For G-E employees the insurance plan has been carried a step farther. By massing a great number of employees together, under what is called the Group Insurance plan, it is possible to obtain insurance at an especially cheap rate. And furthermore, G-E folks who are insured under the G-E Group and Additional Insurance Plan don't even have to bother about paying premiums. It is done automatically for them before they receive their pay.

The G-E employee who is without Group Insurance—and there are very few of them indeed—is making a grave mistake.

| Years | Date of Death | Employee | Age | Beneficiary | Free Ins. | Add'l Ins. |
|---|---|---|---|---|---|---|
| *Schenectady Works* | | | | | | |
| | 1927 | | | | | |
| 10 | Sept. 12 | Mike Gutzko | 40 | Estate | Yes | Yes |
| 29 | Oct. 15 | John T. Heffernan | 62 | Cousin | Yes | Yes |
| 4 | Oct. 20 | Martha Swolen | 45 | Daughter | Yes | Yes |
| 25 | Nov. 1 | Frank Ennis | 67 | Wife | Yes | Yes |
| 5 | Nov. 1 | William La Bardo | 29 | Mother-in-law | Yes | None |
| 27 | Nov. 6 | William Osburg | 52 | Wife | Yes | Yes |
| 27 | Nov. 7 | Martin F. Hastings | 63 | Wife | Yes | Yes |
| 10 | Nov. 19 | William J. Howie | 61 | Wife | Yes | Yes |
| 21 | Nov. 23 | James R. Craighead | 53 | Wife | Yes | Yes |
| *River Works* | | | | | | |
| 13 | Oct. 20 | Richard W. Hosker | 58 | Wife | Yes | Yes |
| 15 | Nov. 1 | Maria McGrath | 49 | Mother | Yes | Yes |
| 7 | Nov. 5 | Howard B. Goodwin | 34 | Wife | Yes | Yes |
| 14 | Nov. 6 | Patrick H. Shields | 59 | Wife | Yes | Yes |
| 6 | Nov. 11 | Theodore Brown | 41 | Wife | Yes | Yes |
| 12 | Nov. 15 | Henry H. Goodwin | 56 | Wife | Yes | Yes |
| *West Lynn Works* | | | | | | |
| 21 | Oct. 26 | Silas H. Bissett | 56 | Wife | Yes | Yes |
| *Erie Works* | | | | | | |
| 15 | Oct. 18 | Oswald J. Colby | 48 | Wife | Yes | Yes |
| 4 | Oct. 27 | Dorothy Crouch | 24 | Mother | Yes | Yes |
| *Fort Wayne Works* | | | | | | |
| 4 | Nov. 8 | Martin E. Berning | 37 | Wife | Yes | None |
| *Pittsfield Works* | | | | | | |
| 17 | Nov. 8 | John M. McCartney | 50 | Wife | Yes | Yes |
| 3 | May 22 | Angelo De Giorgis | 42 | Mother | Yes | Yes |
| *Bloomfield Works* | | | | | | |
| 5 | Nov. 14 | John P. Sutcliffe | 57 | | None | Yes |
| *General and District Offices* | | | | | | |
| *Portland, Oregon* | | | | | | |
| 7 | Aug. 14 | Veda D. McDonald | 33 | Husband | Yes | Yes |
| *Duluth* | | | | | | |
| 9 | Oct. 18 | Maaston C. Curtis | 38 | Wife | Yes | Yes |
| *Chicago* | | | | | | |
| 24 | Oct. 31 | Courtney C. Douglas | 47 | Wife | Yes | Yes |
| *Schenectady* | | | | | | |
| 18 | Nov. 28 | Robert B. Meckley | 42 | Wife | Yes | Yes |
| *International G-E Co., Schenectady* | | | | | | |
| 3 | Oct. 23 | Robert Angus | 18 | Mother | Yes | Yes |
| *Incandescent Lamp Dept.* | | | | | | |
| 15 | Oct. 10 | Ethel Emrich | 36 | Mother | Yes | None |
| 1 | Nov. 16 | Kitty Corbett | 19 | Mother | Yes | Yes |
| 4 | Nov. 18 | Norman Rawlins | 57 | Brother | Yes | Yes |
| | 1926 | | | | | |
| 9 | Oct. 3 | John W. Yessnas | 63 | Children | Yes | None |

| | Free Insurance No. | Free Insurance Amount | Additional Insurance Amount | Additional Insurance No. |
|---|---|---|---|---|
| Claims paid month of November, 1927 | 30 | $ 33,566.27 | $ 40,000 | 25 |
| Previously reported, 1927 | 268 | 304,391.57 | 318,500 | 203 |
| Claims paid since November 16, 1925 | 682 | $777,910.18 | $716,500 | 486 |

Total claims paid since Nov. 16, 1925 ........ $1,494,410.18

# Some Electrical Developments During 1927

By John Liston

THERE were, during the year, numerous improvements in design, in process work, and in manufacturing methods which resulted not only in improved efficiencies, but in certain classes of electrical equipment combined this result with lower costs. The economies thus secured were shared with the consumer through the medium of reduced prices in the classes of apparatus affected.

New records in the unit capacity of steam turbine-generators were achieved in both the single-cylinder and tandem-compound types, with single generators rated 75,000 kw. and 160,000 kw. respectively. The maximum capacity of the cross-compound type, represented by the 208,000-kw. set under construction, was not exceeded. There was an increased use of high pressures, many of the large turbines utilizing steam at pressures up to 600 pounds. There was also a pronounced tendency to utilize higher steam pressure for the industrial type of turbine than had been previously considered practicable.

In the fabrication of large generators for both turbine and waterwheel drive, synchronous condensers and similar apparatus, there was an increased use of structural-steel and steel-plate welded construction, this method having practically superseded the use of large castings in the building of machines of this class. Another feature of great importance was the cooling of these machines by an enclosed system of circulating gas which not only permits a more accurate control of the temperature than air cooling, but enables the machines to operate with a higher output than was possible with former methods of cooling.

There were two events of outstanding importance in the marine equipment field, the first being the placing in commission of the airplane carrier *Saratoga* the most powerful craft afloat. With her electric propelling equipment of 180,000 shaft horse power, this ship utilizes approximately as much energy for propulsion as six battleships. The second event was the completion of the turbine-electric passenger liner *California*, with the highest-rated electric propelling equipment in the merchant marine service. She is also the largest craft of her type so far constructed in an American shipyard.

Four motor-generator type locomotives each rated at 260 tons were built for the Great Northern Railway, which receive alternating current at 11,000 volts and convert it to direct current for the driving motors. The Chicago, Milwaukee and St. Paul Railway completed the electrification of its entrance into the city of Seattle by the equipment of a 10-mile, double-track line.

The system of automatic control of the machinery in power stations and substations was utilized for plants of greater capacity in hydro-electric power stations, and in railway, mining and industrial service. Railway substations were, to an increasing extent, equipped with mercury-arc power rectifiers which have now been in service for a sufficient length of time to demonstrate their dependability.

Many ingenious applications were made of vacuum-tube control for switching, protective and indicating devices in power stations and on transmission lines. These were developments supplementing the use of carrier-current communication, which was also further extended during the year, and indicates the possibilities of a great variety of uses for vacuum tubes for purposes other than radio broadcasting and receiving.

The successful operation of the 132-kw. oil-filled type of conductor cable greatly enlarged the scope of the economical, underground transmission of large blocks of power. This method is of maximum value where it is desirable to operate high-voltage conductors in cities or other congested areas.

There was a well-defined tendency toward the further adoption of complete, self-contained, switching systems in which the circuit breakers, switches, busbars, and auxiliary equipment were all metal-enclosed and connected to oil reservoirs which maintain the oil at a suitable pressure throughout the switching group. Modifications of this system utilized fluid or semi-fluid compounds in place of the oil. This same method of complete, metal enclosure of the equipment was also adopted for subway-type transformers.

These are but a few of the many developments in the electrical industry which have occurred during the year, and all of the developments referred to are products of the General Electric Company. General Electric products, however, cover such a wide range that the references also serve as an indication of the tendencies in design and construction as well as the general progress in the electrical manufacturing industry as a whole.

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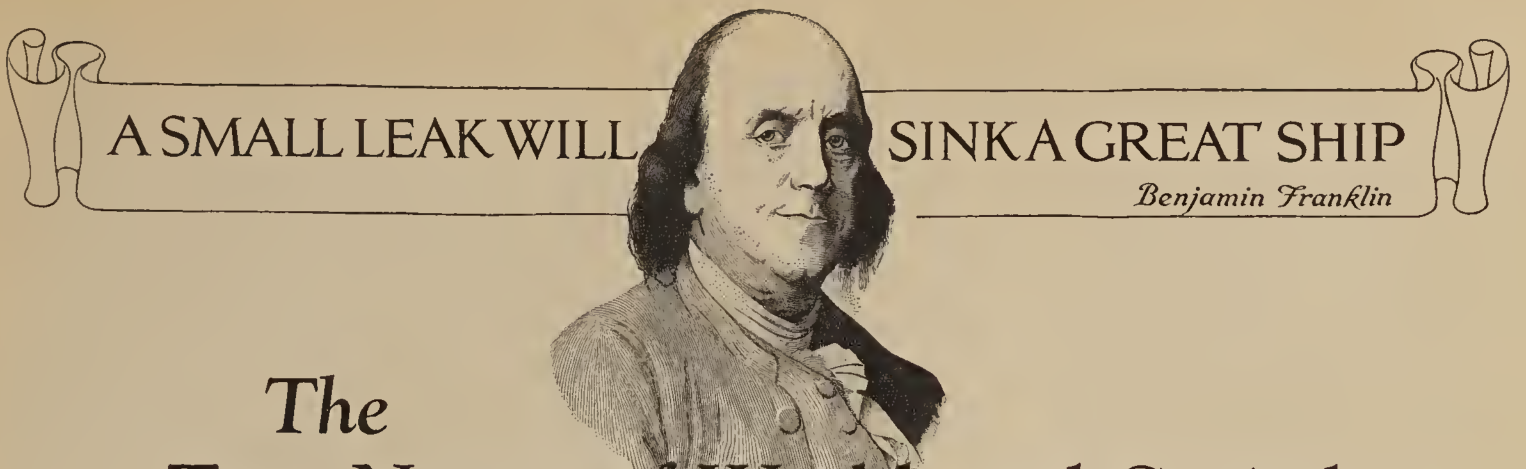
## Great Reduction in Severity Of Accidents

THE figures of the inter-works accident prevention contest for November show a decided improvement in reducing the severity of accidents. In Class B, however, there was a complete drop in frequency, none of the five Works showing any improvement over last month's record. River Works has passed the Schenectady Works during the past month and is leading by less than 1 per cent.

Below are the positions of the various plants. Those marked with an asterisk (*) have shown improvement during November.

| Frequency | Severity |
|---|---|
| Class A | |
| Erie | New Kensington* |
| New Kensington* | Pittsfield* |
| River Works* | Erie* |
| Schenectady* | River Works* |
| Pittsfield | Schenectady* |
| Class B | |
| Philadelphia | Philadelphia* |
| Bloomfield | Oakland* |
| Fort Wayne | Bloomfield* |
| Baltimore | Fort Wayne* |
| Oakland | Baltimore* |
| Class C | |
| West Lynn* | York* |
| Bridgeport | West Lynn* |
| York* | Bridgeport* |


A SMALL LEAK WILL SINK A GREAT SHIP
Benjamin Franklin

# The True Nature of Wealth and Capital

By Dean Le Rossignol

### Chapter VII

*Wealth*

Like income, wealth is measured in terms of money, but money is only a small part of total wealth.

A farmer's wealth consists of land, buildings, cattle, machinery, household furniture, crops, money, and all his other tangible property, plus his credits and minus his debts. A farmer worth $10,000 may have less than $100 on deposit in the bank and only a few dollars of actual cash in his purse.

So, also, with city people. A merchant's wealth consists chiefly of merchandise, although he may have a considerable bank account and carry a little money in his pocket.

The wealth of nations, also, consists chiefly of things other than money. Below is an estimate of the wealth of the United States in the year 1922, according to the *Census.*

Here we see that all the gold and silver coin and bullion in the country in 1922 was valued about 1.3 per cent of the total national wealth, all the rest being other commodities valued in terms of money. There was, of course, a great deal of paper money, but that has no intrinsic or commodity value.

Things which have no price, like air, sunshine, and rain, are not regarded as wealth, however useful they may be to mankind. They are called free goods, either because they are abundant or because they connot be appropriated.

In order to be counted as wealth, things must be useful and scarce and capable of being appropriated. If they are useful but very abundant, they will have no price, because people can get them for nothing. If they are scarce but useless, they will have no price, because nobody wants them.

Wealth is derived from income, but it is mostly that part of income which has been saved, kept, or accumulated. Income is a flow or stream of goods and services; wealth is a stock or reservoir of things or material goods. And just as the stream of income may be turned into the reservoir of wealth, so the reservoir may be turned into the stream again.

ESTIMATED WEALTH OF THE UNITED STATES, 1922

| Form of Wealth | Value |
|---|---|
| Real property and improvements | $176,414,000.000 |
| Live stock.................. | 5,807,000,000 |
| Farm implements and machinery | 2,604,000,000 |
| Manufacturing machinery, tools, implements................ | 15,783,000,000 |
| Railroads and their equipment.. | 19,950,000,000 |
| Motor vehicles............... | 4,567,000,000 |
| Street railways, public utilities and so on.................. | 15,414,000,000 |
| Agricultural products.......... | 5,465,000,000 |
| Manufactured products........ | 28,422,000,000 |
| Imported merchandise......... | 1,548,000,000 |
| Mining products.............. | 730,000,000 |
| Clothing, personal adornments, furniture, etc............... | 39,816,000,000 |
| Gold and silver coin and bullion | 4,278,000,000 |
| Total..................... | $320,803,000,000 |

### Chapter VIII

*Capital*

Wealth may be used in either of two ways: for the direct satisfaction of wants, or for the production of more wealth. The former kind of wealth we call consumers' goods; the latter, producers' goods or capital.

For example, a farmer's dwelling house, furniture, clothing, and food are consumers' goods; whereas his land, barns, machinery, horses, cattle, crops, and all the rest of his productive wealth, are producers' goods or capital.

Of course, it is hard to draw a sharp line between consumers' goods and capital, when things are used in both ways. The automobile may be used partly for business, partly for pleasure; the house may be now dwelling, now storehouse; some of the crops may be used at home, though most of them are sold on the market.

But for all that, the distinction between the two uses is fairly clear. At any rate, many a farmer's wife understands it quite well, especially when she wants a new carpet or a dress, when her husband wants to buy more cattle or build a barn.

If the farmer spends all his money on furniture, clothes, or automobiles, he will be unable to improve the farm and likely to run into debt.

If, on the other hand, he spends most of his time and money on farm improvements, he may deprive his family of the comforts and even the necessaries of life. However, in the end he will probably become rich, and have more to spend on comforts and luxuries in later life, if he be so inclined.

Evidently, there are two kinds of spending; first, on consumers' goods; second, on producers' goods or capital. Usually, we call the former spending, and the latter, saving or investing.

As human beings are apt to go to extremes, the spender imperils the future for the sake of present enjoyment, while the saver sacrifices the present to a future which he may never have time or inclination to enjoy.

There is, no doubt, a golden mean between the extremes of spending and saving, though it is safer to err on the side of saving, as that is the only way to create and accumulate capital and thus provide against a rainy day.

*(Continued on following page)*

# Posture, Body Mechanics, and Health

By H. W. Garton, M. D.

*Dr. Garton, of the Fort Wayne Works, has consented to write a number of articles on medical subjects for our paper. Those who have previously read any of Dr. Garton's articles know that he has a rare ability to state complicated facts in clear and interesting fashion.*

THERE is probably no subject of more importance (and it should be one of special interest) to those employed in industry than that of posture, or proper body mechanics in standing, sitting, or while engaged in work and exercise. To most people, physical education conveys the idea of some form of active exercise involving the use of various groups of muscles, with particular attention to arm and leg exercises. This is only natural because that is the type of physical education that has been emphasized most by educators. In the last few years, especially since the Great War, prominent authorities have brought forth an important fact bearing on this subject: namely, that exercises, gymnastics or games are not always beneficial. In fact, they may be potentially harmful to many people. They point out that it is of first importance that the mechanics of the body should be proper before exercise can be said to be beneficial.

To illustrate, any sort of mechanical contrivance operates smoothest and most efficiently if it is set up according to the way it is supposed to be operated, that is, in good alignment, with the center of gravity passing through certain points according to specifications. It is true that such a machine will run in other positions, perhaps in any position. But how? The mere fact that it will run does not signify how efficiently it will run. A Ford will run on three cylinders and a flat tire all day, provided the going is not too rough or too hilly, and an observer a half mile away might think that the driver was having an uneventful journey, but if such an observer came within the range of hearing and closer vision, he would have no difficulty in seeing that the car (to say nothing of the driver) was taking considerable punishment. A driver in such a car might perform a very important mission, but at the end of his journey his bill for repairs and liniment would, no doubt, take away much of the joy of his accomplishment.

It is true that the Creator allowed a wide range of safety when he converted man from a quadruped into a biped; he probably foresaw that intellectual development would be accompanied by less attention to the mechanical perfection of the human body. But subjecting the body to work, play, recreation or exercise when it is in poor alignment, may and does bring about results not unlike those mentioned above in the case of the mechanically imperfect car.

In conclusion, a fundamental fact in the present day conception of physical education is the value of the proper mechanical working of the body, not only in exercise, but in standing, sitting or resting. Spending one-half hour in the morning in physical exercises with good technique is good, provided the principles of good body mechanics are observed in the various activities that consume the remainder of the day.

The rules for acquiring proper body mechanics are simple and few. In future articles, these rules will be discussed.

Large Size
No. 1215
HAVE THOSE CUTS PROPERLY DRESSED !

## Wealth and Capital

*(Continued from previous page)*

There are, also, two kinds of saving: first, the storing up of food, clothing, and other consumers' goods for future use; second, the creation of improvements on land, factories, machines, and other things to be used for increasing production. It is the latter kind of saving that creates capital, though the former may be closely connected with it.

Our present day is, more than all previous times, the age of capital. We have only to look about to see what a vast stock of capital goods we have: improved land, barns, cattle, and horses; factories, railways, ships, telegraph, and telephone lines; and tools and machines without end.

With all of these appliances and instruments, together with our business organization, our banks, insurance companies, and other financial institutions, we are able to produce vastly more of the necessaries, comforts, and luxuries of life than ever before.

The result is that our unskilled laborers have comforts of which middle-class people of 200 years ago did not even dream, while people of moderate income today live in greater luxury than the nobles and princes of those days.

*—Copyright, 1926, by A. W. Shaw Co.*

## Correction

IN the December 2nd issue it was incorrectly stated that the Hughes Medal, recently awarded to Dr. W. D. Coolidge, of the Research Laboratory, had been awarded to only three Americans previously: Dr. Alexander Graham Bell, Dr. Irving Langmuir, and Dr. R. W. Millikan. The medal was also awarded to Prof. Elihu Thomson, director of the Thomson Laboratory at Lynn and one of the founders of our Company.

# They Will Haul Trains Under Mountains

West Portal, Cascade Tunnel

THE largest motor-generator type electric locomotive in the world, one of four being built by General Electric for the Great Northern Railway, was exhibited quite recently at cities along the Great Northern road. These locomotives will be used to haul passenger and freight trains through the new Cascade tunnel, which will be the longest tunnel on the American continent and one of the longest in the world.

This new locomotive represents the last word in railroad motive power. Not only has it greater weight on its driving wheels than any single cab unit ever built before, but it is designed for speeds much higher than is usual in locomotives of this general type. Speeds up to 50 miles an hour may be attained without difficulty.

Two of these locomotives operating together as a single unit will be used for heavy freight trains. This double unit will have a nominal rating of 6600 hp. with capacity for a tremendous overload. The single units will be used for hauling the Oriental Limited and other transcontinental passenger trains.

The locomotive is unique in that it uses the advantages of both alternating and direct current. Within its cab is a traveling substation, picking up 11,000 volts alternating current from the overhead trolley wire and changing it to 1500-volt direct current for operating the driving motors.

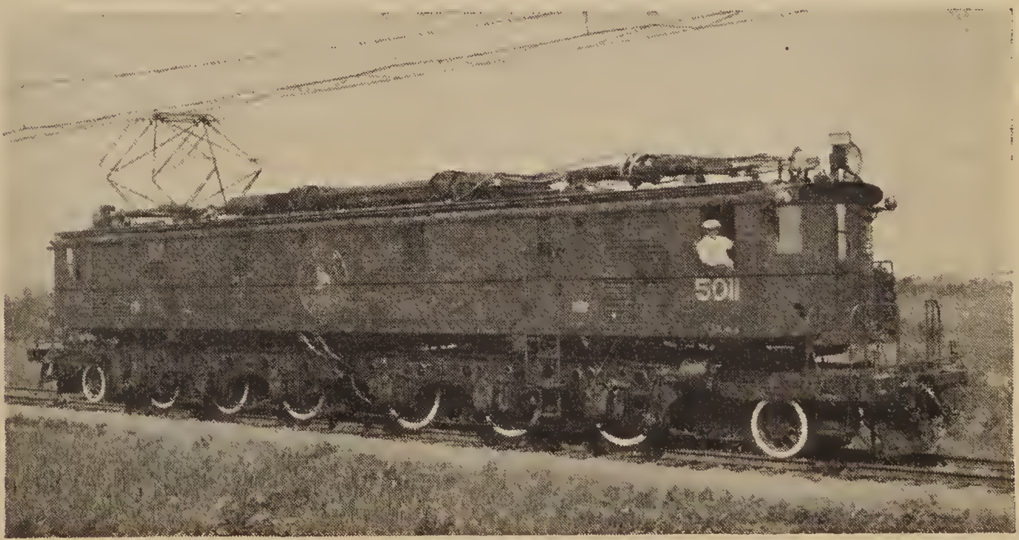
Alternating current may be transmitted very economically at high voltage for long distances, this scheme being used by power companies whose electricity is generated at stations far away from the place where it is used. The advantage of this method of transmitting electricity is obvious in railway work, where the line must stretch for miles. Yet engineers consider direct-current motors far superior to alternating-current motors for driving locomotives. In this huge new Great Northern locomotive the problem of combining the advantages of these two types of current has been effectively solved.

Through the use of "regenerative braking" the speed of the trains down the steep grades of the Cascade Mountains can be controlled, and held at any desired rate. And at the same time, the coasting of the train turns it temporarily into a moving power station which generates power while coasting and sends it back into the trolley line for use by other locomotives.

Each of the new electric locomotives will contain a 2500-kw. synchronous motor-generator set, which will supply the direct-current power to the motors mounted on each of the six driving axles.

The Great Northern Railway was the first transcontinental system to use electric locomotives. In 1909 the track through its old Cascade tunnel, about four miles in length, was electrified. The locomotives used on this line, which were made by General Electric, have been in steady service for more than 17 years. They were the first locomotives on which the regenerative braking principle was commercially applied.

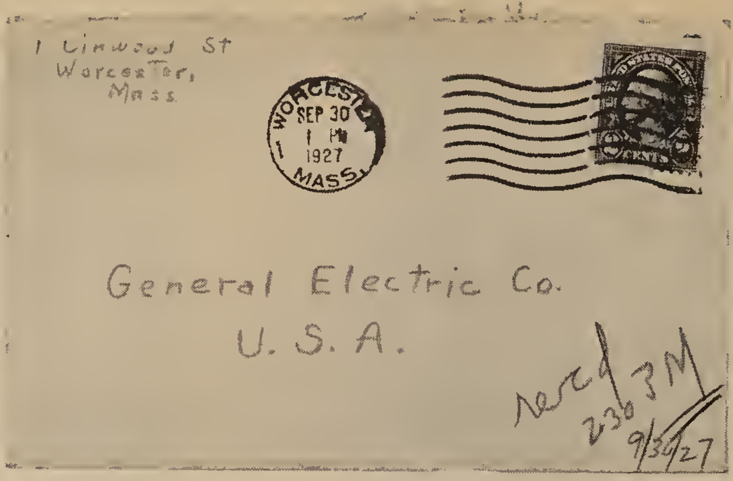
The new Cascade tunnel goes under the very summit of the Cascade Mountains, and will help much to improve the service on the Great Northern. Running time will be greatly reduced, as a result of the shorter route which the new tunnel makes it possible to take. The tunnel itself is 7¾ miles long, almost three miles longer than the tunnel which it will supersede. The old line, which will shortly be abandoned, runs through entirely unpopulated country.



The First of the New Giants

**NOT MUCH ADDRESS**

This letter was addressed to "General Electric Co., U.S.A.", mailed at one o'clock, and received by a G-E office at two-thirty, which seems to prove that General Electric is pretty well known. Letters often arrive from abroad addressed in this way.



1 Linwood St
Worcester,
Mass.

WORCESTER
SEP 30
1 PM
1927
MASS.

General Electric Co.
U. S. A.

Recd 230 PM
9/30/27

## 1928 Prospects Favorable Says President Swope

"THE electrical manufacturing business for 1927 has, on the whole, been satisfactory, and about the same in volume as the previous year," said President Swope in a recent statement.

"The use of electric current in homes and factories has increased seven per cent over 1926, and with the exception of 1921 has shown an increase each year since 1919 when the index was first prepared, and the consumption in 1927 was more than double what it was in 1919. This is becoming one of the best indices of general and industrial conditions in America.

"The outlook for 1928, on the whole, is favorable. Economic conditions are sound and the satisfaction of the demand of 120,000,000 people should provide ample business activities with the usual attendant improvement in the art. Earnings of labor have never been so high and with a continuance of good business their earnings should continue and employment become steadier."

## Lamp Sales Increase During 1927

SALES of incandescent lamps in the United Sates during 1927 totaled approximately 320,000,000 large size and 218,000,000 small lamps, it was recently announced. This is an increase of about 24,000,000 lamps over the sales in 1926. In ten years the sale of large lamps has doubled and that of small lamps has tripled.

## Thomas Cochran Elected G-E Director

Thomas Cochran

AT a meeting of the Board of Directors of our Company, held on December 9, 1927, Thomas Cochran, a partner in J. P. Morgan & Co., was elected a director of General Electric.

Mr. Cochran was named to fill the vacancy caused by the resignation of Dwight W. Morrow, who was recently named ambassador to Mexico.

Mr. Cochran was born in St. Paul, Minnesota, and was graduated from Yale University in 1894. He has been a member of the Morgan company since January 1, 1917. He is a director of various companies, among them being the following: Bankers Trust Company, Braden Copper Company, Associated Drygoods Corporation, Astor Safe Deposit Company, Utah Copper Company, Nevada Northern Railway Company, Copper River and Northwestern Railway Company, Campbell Metal Window Corporation, New York Trust Company, and Alaska Development Corporation.

He is a trustee of the New York Association for Improving the Condition of the Poor, a member of the New York Chamber of Commerce, and of a number of other clubs and associations.

## G-E Men Granted Patents

THE following employees of the G-E Company have recently been granted patents by the United States Government:

*Schenectady:* John F. Spease, systems of electric distribution; Glenn B. Warren, elastic-fluid turbines; Edgar F. Collins, ovens; Elmer E. F. Creighton, protective devices; William F. Hodges, methods of treating ferrous metal; Charles F. Schwennker, safety switches; Frank A. Byles, electric regulators; Edward M. Hewlett and Waldo W. Willard, systems of gunfire control; John A. Seede, electric furnaces; James M. Weed, electric furnaces.

*Pittsfield:* Charles C. Abbott, electric heaters; Lewis W. Evans, lightning arresters; Svend E. Johannesen, stationary induction apparatus; Victor E. Goodwin, condenser switching apparatus; Edward A. Wagner, electrical-apparatus cores.

*Lynn:* David P. Thomson, inclosed dynamo-electric machines; Franklin J. Champlin, systems of electric distribution; John T. Beechlyn, light projectors using Fresnel lenses; Harold L. Watson, methods of producing high-grade vitreous silica; Edward R. Berry and Philip K. Devers, methods and apparatus for working quartz; Emile J. Guay and Clarence W. Mansur, non-metallic gears; Charles E. Holmes, metal seals.

*East Orange:* John A. Hepperlen, motor-control systems; Robert S. Burnap, electric lamps.

*Cleveland:* Harold D. Blake and Walter J. Geiger, apparatus for making incandescent lamps and similar articles; Percy A. Campbell, filaments for incandescent lamps or similar articles.

*Erie:* Irving R. Valentine, processes of treating iron.

Tell It to the
Suggestion Committee
*This Year*

# GIRLS' SECTION

## The Month's Parties

### Wire and Insulation Dept. Girls

AT a birthday surprise party given by the girls in the Wire and Insulation Dept., on Monday evening, December 5th, Anna Yearling was the guest of honor. The party was held at the home of Mrs. Leona Farra, 1002 Grandview Ave. Progressive bunco and other games were played, prizes being won by Evalene Walters, Mary Seffle and Clara Grodrian. Miss Yearling was presented a beautiful leather traveling bag, a birthday gift from the girls. A delicious lunch was served.

The guests: Anna Yearling, Mabel Sanders, Irene Whitehead, Florence Minnich, Marie Kramer, Stella Morroff, Fay Voss, Elsie Hustin, Dorothy Stove, Clara Grodrian, Evalene Walters, Catherine Yearling, Emma Kernes, and Mary Seffle.

### Irene Whitehead Entertains

ON Tuesday evening, December 6th, Irene Whitehead was hostess at an informal party held in "The Attic," Miss Whitehead's apartment, at 2306 Farfield Ave. The guests were Mrs. Viola Grover, Elida Fries, Hilda Hoeltje and Mabel Liggett, the girls who acted as group leaders for the classes in the "Health Course for Women in Industry" recently given at our Broadway plant. A clever contest pertaining to the anatomy of the body afforded a few moments of deep thought and much amusement, Hilda Hoeltje capturing the prize. Then the girls played cards, the prize going to Mabel Liggett.

Later in the evening Miss Whitehead served a delicious lunch in the cozy living room.

### A Christmas Party

A CHRISTMAS party was given at the home of Mrs. Bertha Heller, 1202 W. Wildwood Avenue, on Monday evening, December 12th. The guests were a group of G-E girls. Bunco, contests and stunts filled the short hours. Prizes were won by Edna Etzler, Ireta Erwin, Bertha Heckler and Viola Haggerty. In one corner of the dining room was a fireplace with numerous packages piled around it and a brightly lighted Christmas tree gracing the top. After the packages were all opened, the girls gathered around the dining table where a delicious two-course luncheon was served. Here, also, Christmas was in evidence. A Christmas tree decorated with cunning little dolls formed the center-piece. From these dolls holly ribbons led to the place cards, the girls keeping the dolls as favors.

Those present: Viola Haggerty, Edna Etzler, Gladys McMillan, Dewey Wickliffe, Corrinne Schreiner. Edith Schreiner, Bertha Heckler, Mabel Liggett, Ireta Erwin and Mrs. Bessie Vassauex.

### Transformer Dept. Girls

A GROUP of girls from the Transformer Dept., Bldg. 26-2, enjoyed a Christmas party in Bldg. 16-2 on Friday evening, December 16th. A Christmas tree with packages significantly grouped about its base and placed on a table gave everyone a real Christmasy feeling. Games of bunco and contests were merrily entered into by everyone present. A lunch was served to the girls gathered around a long table, the Christmas gifts were distributed and as it was getting late the party broke up.

The girls who enjoyed this gathering were: Bessie Chapman, Hilda Busse, Helen Dammeyer, Hilda Wesling, Helen Smith, Helen Woods, Lulu Bender, Lucille Saylor, Lucille Stickelman, Ruby Stickelman, Angeline Jackson, Bertha Gruber, Emma Schwalm, Jessie Smith, Blanch Ridenouer, Minnie Heine, Nora Coburn, Anna Bishop, Mabel Liggett, Esther Ulmer, Amy Gordon, Hazel Newport, Leonora Luttman and Agnes Westrick.

### G-E Girls, Note!

*THE Health Course for Women in Industry will be repeated after the holiday season, starting some time in January. Ask your personnel worker about the nature of the course, or ask any of the girls that you might know who attended the classes in the fall season. Bulletin Boards will announce the date at which the course starts.*

### Elex Club "Kid" Christmas Party

*"Backward, turn backward, O Time in your flight,*
*Make me a child again, just for tonight."*

SO sang the poet, and so thought the Elex Club girls when they gathered in Bldg. 16-2 on Wednesday evening, December 14th, to hold their annual Christmas party. They were a happy group of little girls in bloomer dress and pinafore; a few little boys were present and some tiny tots in rompers romped through the games. Red and green crepe paper streamers decorated the lights and red and green Christmas bells were profusely used, making the place very pretty. A beautifully trimmed Christmas tree centered the stage at one end of the hall. The little folks entered into the games with much hilarity, and after a time Santa Claus made his appearance and gladdened the heart of each child by presenting her with a gift from the Christmas tree. As children are always hungry, a lunch was served. Then the party broke up and the little ones trudged away to their homes with happy sighs.

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## Former Elex Officer Dies

IN an automobile accident on Thanksgiving Day, November 24th, Lillian Ruesser Hastings, for several years an employee in the Armature Winding section, Apparatus Dept., Bldg. 19-2, met death. Lillian was a member of Elex Club for the past few years, taking an active interest in all club affairs. She had served on numerous committees and held the office of vice president during the season 1926-27. She left the employ of the Company on May, 1927, and was married on June 1st to Morley Hastings.

# JUNIORS' PAGE

DEAR G-E JUNIORS:

Happy New Year! to all of you and I hope that I shall hear from even more of you in the new year than I did this last year.

You were all at the big G-E Christmas party—that is, I imagine all of you must have been there judging from the big crowd, and I'm sure you enjoyed it and the gifts dear old Santa gave you.

In our puzzle picture this time we have a number of youngsters having fun out in the snow with their new sleds, skates, and other gifts. Can you find 25 objects in the picture beginning with the letter "S"? I have found 38, but if you find at least 25 your answer will be counted correct.

Every time we receive a letter from a new Junior a card is made out for him with his name, age and address. If the solution to the puzzle is correct it is marked so on the card, and if it is not correct, that is put down. Next June we are going to look over all these cards to find out the names of the boy and the girl who have solved the most puzzles during the past twelve months. To such boy and girl we shall give especially nice prizes—something that we think any boy or girl will like very much. And you know, of course, that we shall continue to give smaller prizes each month, five to Fort Wayne Juniors and two to Decatur Juniors whose names are drawn from the list of all those who sent correct solutions that particular month.

All of the answers I received in December were correct. The correct way to match the reindeer was 1 and 4, 2 and 5, 3 and 7, and 6 and 8.

The following Juniors received the prizes last time: Albert Devaux, Alta May Ruhl, Dortha Crall, Ralph Crall, Helen Liddy, Lucille Smith and Virginia Hesher. The first five are children whose near relatives work at Fort Wayne Works and the last two have relatives working at the Decatur Branch.

Eileen Rose Mentzer and Vernon Dove both solved the flag puzzle published in the November NEWS but we didn't receive their letters in time to mention their names in the December issue.

The following boys and girls sent us correct answers to Santa's Reindeer puzzle:

Paul Witte, Margot Loescher, Walter Braun, Evangeline Klingman, Mildred Fabian, Don Black, Helen Mundt, Arvilla Greuter, Betty Marcella Platt, Mabel Lindeman, Elda Faster, Mary Jane Zink, Alice Marie Moritz, Raymond Holben, Donald Holben, Elberta Beal Wilt, Bonnie McSorley, Celeste Schwartz, Marie Schwartz, Louise Schwartz, Virginia Blackburn, Margaret Joan Crankshaw, Beaulah McClure, Dorothy Jacobs, Maxine Manoch, Ruth Eylenberg, Rose C. Crall, Josephine Ruhl. Berniece Moore, Ethel Gallapoo and Gertrude and Florence Brandyberry.

And now in starting the New Year I think we should get letters from a lot of new Juniors. All that you have to do is just write me a little note telling me the names of the things you find in the puzzle this time beginning with the letter "S." Don't forget to tell me your name and age and just where you live, for we will need to know if you win a prize. I just wonder how many new Juniors we will hear from this time. We will mention everyone of them in the February G-E NEWS.

Sincerely,

Jill

## Great Because Faithful

One day Gerhardt, a German shepherd boy, was watching his flock near a forest, when a hunter came out of the woods, and asked: "How far is it to the nearest village?"

"Six miles, sir." answered the boy. "But the road is only a sheep track and very easily missed."

The hunter looked at the crooked track and said: "My lad, I am hungry and thirsty. I have lost my companion and missed my way. Show me the road and I will pay you well."

"I cannot leave my sheep, sir," rejoined Gerhardt. "They will stray into the woods and may be eaten by the wolves."

"Well, what of that?" queried the hunter. "They are not your sheep. The loss of one or two wouldn't be much to your master, and I'll give you more than you can earn in a whole year."

"I cannot go, sir," rejoined Gerhardt very firmly. "My master pays me for my time and trusts me with his sheep."

"Well," said the hunter, "will you trust your sheep with me while you go to the village and get me some food and drink, and a guide? I will take care of them for you."

The boy shook his head. "The sheep," he said," do not know your voice and—"

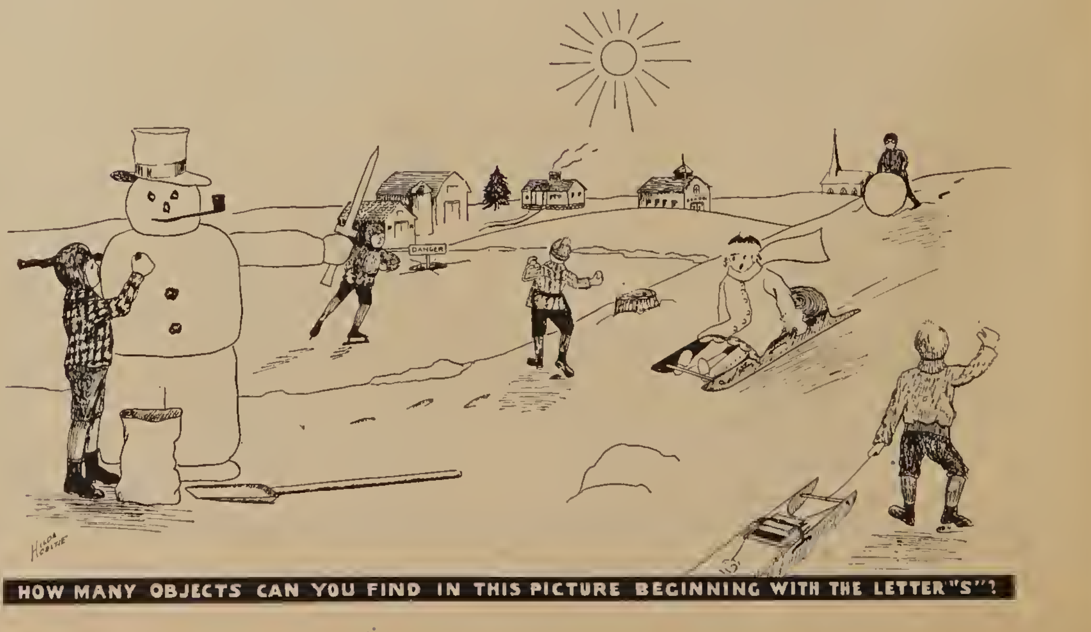
"What? Can't you trust me?" asked the hunter angrily.

"Sir," said the boy, "you tried to make me false to my trust. How do I know that you would keep your word?"

The hunter laughed, for he felt that the lad had fairly cornered him. He said, "I see, my lad, that you are a faithful boy. I will not forget you. I will try to make out the road myself."

Gerhardt then offered the contents of his scrip to the hungry man, who ate it gladly. Presently his attendant came up; and then Gerhardt, to his surprise, found that the hunter was the Grand Duke who owned all the country around.

The Duke was so pleased with the boy's honesty that he sent for him shortly after that and had him educated. In after years Gerhardt became a great and powerful man, but he remained honest and true to his dying day.



HOW MANY OBJECTS CAN YOU FIND IN THIS PICTURE BEGINNING WITH THE LETTER "S"?

## Wilbur L. Young is Made Acting Transformer Supt.

EFFECTIVE December 1st Wilbur L. Young was made acting superintendent of the Transformer Division, succeeding William F. Frisch, the former superintendent, who was transferred to the Pittsfield Works.

Wilbur L. Young

Mr. Young began work here in 1913 as a clerk in the Electrical Maintenance Dept., under F. G. Duryee, coming here from the Fort Wayne & Wabash Valley Traction Co., where he had acquired some practical knowledge of electrical matters. After a time, when he had become familiar with our work here, Mr. Young was placed in charge of the men who were doing the electrical wiring about the plant. From this job he was promoted to work with Robert Wylie who then was our plant electrical engineer. After about one year with Mr. Wylie, Mr. Young was transferred to the factory planning section under A. J. Seibt. He worked with Mr. Seibt on plant layout work for a time and then was placed on work in the line of special assignments. In recent months he had been working with Mr. Frisch in the Transformer Division.

Mr. Young's various activities here have brought him into personal contact with employees in all parts of our plant. The many friends and acquaintances he has made were glad to hear of his recent advancement to this responsible position he now holds in the Transformer Division.

## G-E Club Elects

(*Continued from page III*)

you additional forms of entertainment. The Board of Directors has been seriously considering the putting in of a golf course for its members. The G-E Gompany has already given us permission to use the 50-acre plot of ground on Taylor Street for this purpose and if satisfactory arrangements can be made, work will probably be started soon. A small greens fee would be charged members to help defray expenses, a larger amount being charged outsiders. Yearly memberships could also be sold. This proposition is only under advisement and later you may be asked for an expression of your opinion to see just how many are interested in such a project.

"I want to thank all the members of this Club for the interest and support given the Club and its officers during the past year. Judging from the interest in our recent election, and from the large vote cast, I feel sure that the G-E Club has a large number of real boosters and that 1928 should be a banner year. I again want to impress on everyone that all employees of the Company are members of the G-E Club. We hope that you will make use of this membership as much as circumstances permit, for the benefits which you will get out of the association with your fellow workers will easily compensate you for the time which you are able to spend with them, and give you a better understanding of them.

"A. M. SNODGRASS,
*President G-E Club.*"

CHICAGO MALE QUARTET

**This quartet will appear on the G-E Club's lyceum course, Wednesday evening, January 25th. This group of four rollicking young singers and entertainers, headed by Robert Herrick, will present a program bubbling over with fun and laughter. You will want to hear them**

## Suggestion Awards

(*Continued from page VII*)

F. C. Graffe, Bldg. 3-3, supplying reinforcement for racks used in the Fractional HP. Motor Dept.

Fred Bergman, Bldg. 19-4, supplying a jig for counterboring bearing hole in certain meter frames.

George Ira Fields, Bldg. 19-3, supplying wooden partitions in racks used for holding reamers in Bldg. 19-3.

Dorcas Lancaster, Bldg. 19-5, nickeling certain pins and screws used on D-12 and D-13 contact mechanism.

Ruth Schweizer, Bldg. 4-3, supplying special stamp for use with 1250 nameplates in Bldg. 4-3.

J. J. Stover, Bldg. 19-5, inspection G-9 gears.

John J. Stover, Bldg. 19-5, change to design of hole in T. S. timer hub.

Philip Weick, Bldg. 19-5, box for packing GM-5 mechanisms.

J. F. Fulk, Bldg. 20-1, guard for coupling at pump in Bldg. 4-3.

George Thomas, Bldg. 20-2, guard at cable cutter in Bldg. 26-B.

Effie Saxton, Bldg. 4-4, supplying foot rests at winding machines in Bldg. 4-4.

Louise Lawson, Bldg. 26-2, supplying safety switches for Radio Transformer winding machines in Bldg. 26-2.

Elizabeth Garrison, Bldg. 26-B, supplying a screen for lead stripping machine in Bldg. 26-B

Lewis Hickernell, Bldg. 4-4, guard for transformer in Bldg. 19-4.

L. Sommer, Bldg. 17-4, furnishing A-c. Drafting Department with copies of Stock Authorizations.

Ernest T. Ream, Bldg. 4-5, supplying braces for iron rack in Bldg. 4-5.

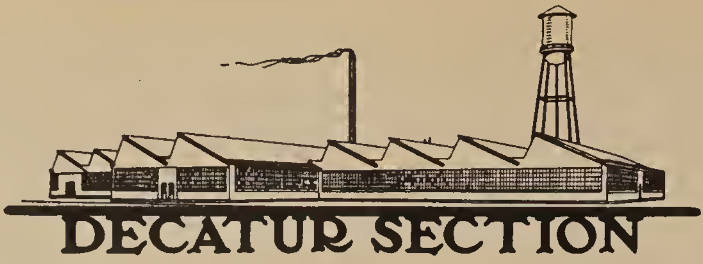
Silas F. Alspaugh, Bldg. 19-5, knurling the G-9 meter shafts.

Amos M. Casteel, Bldg. 8-2, supplying a guard for machines No. 417 in Bldg. 8-2.

Harold A. Hart, Bldg. 4-5, changes to containers used in Bldg. 4-5.

Edmund J. Bauer, Bldg. 20-1, supplying improved clips for use in Meter Test in Bldg. 19-5.

W. H. McCunisey, Bldg. 20-2, supplying guard for machine No. 16735 in Bldg. 26-3.



# Four Die in Crossing Accident

Hobart Strickler

Hazel Lemunyon

Mrs. Bessie Hoblet

Alfred Stetler

FOUR persons, Mrs. Bessie Hoblet, Hazel Lemunyon, Alfred Stetler and Hobart Strickler, were killed in the crossing accident at Decatur on the morning of December 1st, all being employees of our Decatur Branch. They were driving to work from their homes in Willshire, Ohio, in Mr. Stetler's car when struck by a train at the Mercer Avenue crossing of the Erie tracks. All but Mr. Strickler were killed instantly and Mr. Strickler died within two hours without regaining consciousness.

Mrs. Hoblet was employed as a winder, having been in the employ of our Company since December 5, 1924. It was only last June that she was married to Kenneth Hoblet, of Willshire, Ohio. Her maiden name was Strickler and she was a cousin of Hobart Strickler, killed in this same accident.

Mr. Strickler was a punch press operator and had been a G-E employee since January 12, 1920. He started to work for the General Electric in the Fractional Horsepower Motor Dept. at Fort Wayne, being transferred to the Decatur Branch December 21, 1925.

Miss Lemunyon, also, was an employee in the Winding Dept., and had been with the Company since September 21, 1925. Just recently she was initiated as a member of the Gecode Club, announcement of her joining the club appearing in the December G-E NEWS.

Mr. Stetler was an inspector on finished armatures and had been in the employ of our Company since April 8, 1925. He was manager of the Decatur G-E baseball team during the past season and was a member of the punch press team in the Decatur G-E bowling league.

## Gecode Club Party

ON Wednesday, December 21st, the Gecode Club held its annual Christmas party in the club rooms of the Decatur Plant. A delicious three-course dinner was served at six o'clock, places being laid for 35 members. The holiday spirit was carried out in holly decorations, and a miniature Christmas tree was in place on each of the nine tables. A clever Christmas program was put on by members of the club. The Gecode trio, Clara Egley, Mildred Bixler and Opal Myers, accompanied by Ethel Tumbleson at the piano, sang several numbers. Readings: "What I Am Making for Christmas," by Lela Reffey, and "Who's Santa Claus" by Margaret Myers, were offered. The readings were followed by a one-act playlet, entitled "Christmas Gifts." All the club girls united in singing "Silent Night" at the close of their play.

Mary Hill as Santa Claus, had an active part in the annual exchange of Christmas gifts.

Mr and Mrs. Forest Owens have announced the arrival of a little daughter, Helen Jean, born December 5th. Mr. Owens is an assembler in the Decatur Branch.

## G.E.A.A. Athletics

### G-E Club Basketball Team Defeats Strong Opponents

THE G-E Club basketball team completely played the Rushville five off their feet in the initial game on the new floor in the Recreation Bldg. The Rushville five carries the title of state independent champions. The G-E Club displayed a brilliant offense and its defense completely smothered the Rushville forwards. When Bruce Hamilton is right there is no stopping him, and he had a big night, scoring ten times from the field. Myers as usual contributed generously to the total with seven field goals. The final score was 50 to 20.

In its second home game the G-E Club defeated a team that looked even stronger than its first opponent. The South Side Turners of Indianapolis, champions of Indiana and Kentucky, were the victims. This team carried two Purdue, all-Western Conference stars, who made things rather uncomfortable for the home team. The visitors were leading at the end of the half 15 to 12, but the G-E five in a driving finish forged to the front and emerged a 31 to 25 victor. The game was a thriller and a large crowd got its money's worth. Myers was the leading scorer for the G-E with six field goals and three free throws. Nobles, while only contributing a single basket, played a wonderful game on both offense and defense.

The G-E five met their Waterloo in the Buick Motor Company team at Flint, Michigan, losing a rather one-sided battle by the score of 55 to 24. The Flint team is composed of practically all college stars and is one of the best teams in the middle west.

The G-E team added two more victories to their string by defeating the Syracuse team at Syracuse by the score of 46 to 43. The Wolfe Lake five also were defeated by the score of 32 to 30 at Wolfe Lake on a small and poorly lighted floor.

Myers has been scoring consistently in all games and is leading the team in total points, 70 for six games. Bruce Hamilton is second with 32 points and Nobles third with 27. Kowalcyzk has been handicapped with an injured knee and has not been able to show to advantage.

The individual scoring of the team follows:

| | G. | FG. | FT. | P. | T. |
|---|---|---|---|---|---|
| Myers | 6 | 26 | 18 | 6 | 70 |
| B. Hamilton | 5 | 15 | 2 | 4 | 32 |
| Nobles | 6 | 11 | 5 | 8 | 27 |
| Steele | 6 | 8 | 6 | 8 | 22 |
| Holmes | 6 | 5 | 10 | 9 | 20 |
| Spahr | 6 | 4 | 5 | 11 | 13 |
| Kowalcyzk | 3 | 4 | 3 | 3 | 11 |
| Wisner | 4 | 3 | 1 | 6 | 7 |
| Hueber | 5 | 0 | 3 | 9 | 3 |

The games played each Friday night in the G-E Club gymnasium are drawing good crowds. Those who have seen the first two games will be back to see more and those who have not seen any should come over some Friday night. We feel sure they will be back. Remember the price is only 25 cents and children accompanied by their parents will be admitted free. So check these dates on your calendar and come and see some real basketball games. The home games scheduled for the next month are as follows:

Jan. 6—Ford Plate Glass Co., Rossvile, Ohio.
Jan. 13—Buick Motor Co., Flint, Michigan.
Jan. 20—St. Marys Collegians, St. Marys, Ohio.
Jan. 24—Wapakoneta American Legion, Wapakoneta, Ohio.
Feb. 2—Olson's Terrible Swedes, Coffeyville, Kansas.
Feb. 9.—Auburn Auto Co., Auburn, Indiana.

## Sectional Basketball Tournament

FOR the first time Fort Wayne is to have the honor of holding the sectional play of the State Independent basketball tournament. All teams entered from Allen County will participate in this sectional play. Games will be played during the week of February 18th in the G-E Club gymnasium. It is expected that better than twenty teams will be entered in this section. The winner of this meet will go to the State Tournament which will be held at Indianapolis. The Rushville team recently defeated by the G-E Club, was the winner of this tournament last year.

## Y.M.C.A. Industrial League

The Y.M.C.A. Industrial League is composed of but five teams this year and has just begun its season. The G-E five lost a hard fought battle to the International Motors in their first contest, but dropped the Bowers quintet in their second encounter. The G-E team is better known as the Mazdas and plays its road games under that name. Guy Plaisted is manager of the squad and "Bus" Groves is coaching the team. The standing of the league follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Dudlo | 2 | 0 | 1000 |
| International Motors | 1 | 0 | 1000 |
| Mazdas | 1 | 1 | .500 |
| S. F. Bowser | 0 | 2 | .000 |
| Wayne Knits | 0 | 2 | .000 |

## Inter-Department Basketball

One close game was played in the opening round of the Inter-Department basketball league between the Small Motor and Transformer teams, the former winning by the score of 19 to 17. The Apprentices smothered the G-E Squares, keeping the collegians from scoring a single point and winning by the score of 19 to 0. Winter Street defeated the Meter 18 to 5 and the Apparatus five won from General Service by the score of 22 to 4. The standing of the teams follows:

| | Won | Lost | P C. |
|---|---|---|---|
| Winter Street | 1 | 0 | 1000 |
| Apparatus | 1 | 0 | 1000 |
| Apprentice | 1 | 0 | 1000 |
| Small Motor | 1 | 0 | 1000 |
| Transformer | 0 | 1 | .000 |
| Meter | 0 | 1 | .000 |
| General Service | 0 | 1 | .000 |
| G-E Squares | 0 | 1 | .000 |

## G-E Girls' Basketball

The G-E Girls' basketball team has been playing a number of preliminaries for the G-E Club team. Displaying an exceptional brand of marksmanship, teamwork, and "fight" they had annexed three victories by the middle of December:

Nov. 11.—General Electric 19, Lincoln Life 13.
Dec. 2.—General Electric 31, Wayne Feed 18.
Dec. 9.—General Electric 40, Ft. Wayne Bus 16.

The team is getting in some hard practice and expects to do better work in future games. They will probably schedule a number of out-of-town teams.

In the Inter-Department league all the preliminary games scheduled were not played. The Office team defeated Building 17-2 team 33 to 23 on December 7th, while Small Motor had to forfeit to Meter-Transformer on account of lack of players. After the first of the year the league will be reorganized, a regular schedule will be played and a suitable trophy will be awarded the winning team.

## Girls' Volley Ball League

The G-E girls have been practicing regularly in preparation for the start of their volley ball schedule which will open just after the holidays. A goodly number of candidates have turned out for this line of sport and a real league is anticipated. Eva Beckman has been appointed manager of the league and Nadine Denny will coach the teams.

## City Industrial Bowling

The City Industrial bowling tournament for 1927-28 will be held this year on the G-E Club alleys. The games will be rolled on Saturdays and Sundays. The first games will be rolled February 3rd and will continue until all teams have rolled. An entry fee of $5.00 will be charged for five men teams, $2.00 for doubles and $1.00 for singles. Only one bowler with an average of 185 or better will be allowed to roll on the same team and all bowlers must work at the place for which they roll. Any industry may enter as many teams as they wish. All entries should be sent to Ed. Harkenrider in the Recreation Bldg. or to Frank Quinn, secretary, Bldg. 4-3, not later than January 28th.

## Bowling

### Meter Dept. League

| Team | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Pivots | 22 | 11 | .667 | 780 |
| Terminals | 20 | 13 | .606 | 782 |
| Leads | 19 | 14 | .576 | 794 |
| Magnets | 19 | 14 | .576 | 777 |
| Seals | 18 | 15 | .545 | 787 |
| Elements | 17 | 16 | .515 | 770 |
| Covers | 16 | 17 | .485 | 775 |
| Jewels | 15 | 18 | .455 | 769 |
| Discs | 14 | 19 | .424 | 773 |
| Registers | 13 | 20 | .394 | 757 |
| Gears | 13 | 20 | .394 | 754 |
| Bases | 12 | 21 | .364 | 765 |

#### INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| C. Rump | (E) | 33 | 185 |
| Rupple | (M) | 30 | 182 |
| Timme | (L) | 33 | 178 |
| Hueber | (B) | 32 | 176 |
| Bushing | (T) | 33 | 176 |
| Lawrence | (D) | 21 | 173 |
| Weick | (L) | 33 | 172 |
| Jacobs | (P) | 33 | 171 |
| Reitdorf | (P) | 33 | 171 |
| Voorhees | (T) | 32 | 170 |

#### HIGH INDIVIDUAL SCORE

| One Game | | | Three Games | | |
|---|---|---|---|---|---|
| Erne | (C) | 255 | C. Rump | (E) | 657 |
| Timme | (L) | 247 | Weick | (L) | 626 |
| Weick | (L) | 247 | Voorhees | (T) | 613 |

#### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Leads | 931 | Leads | 2566 |
| Seals | 925 | Jewels | 2543 |
| Jewels | 917 | Seals | 2530 |

### Transformer League

| Team | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Potentials | 19 | 11 | .633 | 754 |
| Nite ites | 19 | 11 | .633 | 740 |
| Oilburners | 18 | 12 | .600 | 738 |
| X-Rays | 17 | 13 | .657 | 745 |
| Autos | 14 | 16 | .467 | 737 |
| Filaments | 14 | 16 | .467 | 720 |
| Currents | 14 | 16 | .467 | 713 |
| Radios | 12 | 18 | .400 | 729 |
| Toys | 12 | 18 | .400 | 708 |
| Bells | 11 | 19 | .367 | 718 |

#### INDIVIDUAL AVERAGES

| | Team | Games | Ave. |
|---|---|---|---|
| Reitdorf | (B) | 21 | 176 |
| Cox | (B) | 39 | 173 |
| Cook | (P) | 39 | 171 |
| Bower | (C) | 15 | 170 |
| Tagtmeyer | (F) | 39 | 169 |
| Garman | (X) | 33 | 167 |
| Orff | (R) | 36 | 166 |
| Long | (T) | 39 | 164 |
| Einseidel | (P) | 33 | 163 |
| Walters | (A) | 39 | 162 |

### High Individual Score

| One Game | | | Three Games | | |
|---|---|---|---|---|---|
| Lash | (P) | 254 | Reitdorf | (B) | 607 |
| Orff | (R) | 247 | Garman | (X) | 601 |
| Reitdorf | (B) | 234 | Orff | (R) | 578 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Potentials | 892 | Potentials | 2374 |
| Oil burners | 870 | Currents | 2364 |
| Nitelites | 865 | Nitelites | 2363 |

## Tool and Equipment League

| Team | Won | Lost | P.C. | Ave |
|---|---|---|---|---|
| Special Machines | 24 | 12 | .667 | 795 |
| Machines | 23 | 13 | .639 | 787 |
| Tool Supervisors | 21 | 15 | .583 | 765 |
| Jigs and Fixtures | 18 | 18 | .500 | 768 |
| Punches | 17 | 19 | .472 | 759 |
| Dies | 17 | 19 | .472 | 742 |
| Special Tools | 15 | 21 | .427 | 765 |
| Grinders | 9 | 27 | .250 | 741 |

### Individual Averages

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Rehm | 36 | 183 | Franke, W. | 35 | 16 |
| Franke, J. | 33 | 178 | Seibel | 36 | 166 |
| Suelzer | 15 | 177 | Mersman | 35 | 166 |
| Gerdom | 30 | 174 | Brenner | 36 | 165 |
| Knepple | 33 | 171 | Neeb | 37 | 164 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Suelzer | 241 | Rehm | 628 |
| Rehm | 237 | Seibel | 613 |
| Seibel | 231 | W. Franke | 588 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Dies | 930 | Machines | 2606 |
| Machines | 924 | Special Machines | 2547 |
| Special Machines | 913 | Tool Supervisors | 2537 |

## Foremen's Association (2nd Half)

| Team | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Ice Machines No. 1 | 8 | 1 | .889 | 757 |
| Small Motor | 7 | 2 | .778 | 701 |
| Ice Machine No. 2 | 6 | 3 | .667 | 712 |
| General Service | 5 | 4 | .556 | 716 |
| Apparatus | 5 | 4 | .556 | 683 |
| Meter | 4 | 5 | .444 | 714 |
| Pattern Shop | 4 | 5 | .444 | 702 |
| Wire & Insulation | 4 | 5 | .444 | 700 |
| Transformer | 4 | 5 | .444 | 698 |
| Machine | 3 | 6 | .333 | 656 |
| Tool Supply | 2 | 7 | .222 | 688 |
| Tool Making | 2 | 7 | .222 | 677 |

### Individual Averages

| Name | Ave. | Name | Ave. |
|---|---|---|---|
| Buuck | 178 | Johnson | 168 |
| Harkenrider | 175 | Korte | 168 |
| Schild | 170 | Garihan | 165 |
| Bennigan | 168 | Foellinger | 163 |
| Grimme | 168 | Skevington | 159 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Ice Machine No. 1 | 853 | Ice Machine No. 1 | 2354 |
| Ice Machine No. 2 | 798 | Meter | 2263 |
| Meter | 789 | Pattern Shop | 2222 |

## Office League

| TEAM | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Industrial Service (7) | 24 | 9 | .727 | 784 |
| Accounting (11) | 23 | 10 | .697 | 783 |
| A-C. Drafting (2) | 20 | 13 | .606 | 786 |
| Warehouse (8) | 19 | 14 | .576 | 761 |
| D-C. Drafting (4) | 15 | 18 | .455 | 769 |
| Distribution (12) | 15 | 18 | .455 | 760 |
| Small Motor (9) | 15 | 18 | .455 | 758 |
| Material List (3) | 15 | 18 | .455 | 758 |
| Plant Construction (6) | 14 | 19 | .424 | 765 |
| Apparatus Cost (5) | 14 | 19 | .424 | 759 |
| Rate Dept. (10) | 14 | 19 | .424 | 744 |
| D-C. Apparatus Eng's (1) | 10 | 23 | .303 | 744 |

### High Individual Scores

| | Team | Games | Ave. |
|---|---|---|---|
| Einseidel | (10) | 42 | 181 |
| Walda | (8) | 39 | 175 |
| Blomenberg | (2) | 38 | 175 |
| Orff | (8) | 39 | 170 |
| Wallace | (2) | 37 | 169 |
| Greub | (12) | 38 | 169 |
| Reese | (5) | 36 | 169 |
| Lindemuth | (9) | 33 | 167 |
| Enders | (6) | 42 | 166 |
| Rapp | (9) | 36 | 162 |

### High Individual Score

| One Game | | | Three Games | |
|---|---|---|---|---|
| Weikart | (5) | 255 | Einseidel | 654 |
| Reese | (5) | 253 | Einseidel | 635 |
| Blomenberg | (11) | 239 | Reese | 623 |

### High Team Score

| | | | |
|---|---|---|---|
| Small Motor | 910 | Accounting | 2520 |
| Apparatus Cost | 908 | Industrial Service | 2510 |
| | | Apparatus Cost | 2500 |

## Inter-department League

| Team | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Small Motor | 15 | 9 | .625 | 881 |
| Apparatus | 13 | 11 | .542 | 912 |
| Meter Dept. | 13 | 11 | .542 | 904 |
| Ice Machine | 12 | 15 | .445 | 846 |
| Office | 9 | 9 | .500 | 881 |
| General Service | 7 | 14 | .333 | 842 |

### Individual Averages

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Doehrman | 10 | 207 | Zurcher | 21 | 186 |
| Schlup | 27 | 197 | Knoll | 15 | 186 |
| Harkenrider | 21 | 197 | Einseidel | 9 | 186 |
| Quinn | 27 | 192 | C. Rump | 27 | 182 |
| Auer | 27 | 188 | Hueber | 27 | 181 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Doehrman | 266 | Doehrman | 688 |
| Rose | 251 | Quinn | 657 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Meter Dept. | 1040 | Apparatus | 2840 |
| Office | 989 | Office | 2835 |

## Fire Department League

| Team | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Hydrants | 8 | 1 | .889 | 748 |
| Foamites | 6 | 3 | .667 | 785 |
| Valves | 6 | 3 | .667 | 745 |
| Hose | 4 | 5 | .444 | 748 |
| Nozzles | 4 | 5 | .444 | 741 |
| Ladders | 4 | 5 | .444 | 736 |
| Chemicals | 2 | 7 | .222 | 739 |
| Pyrenes | 2 | 7 | .222 | 703 |

### Individual Averages

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| D. Hamilton | 21 | 183 | Boyce | 12 | 168 |
| Shober | 9 | 175 | Grimme | 18 | 168 |
| D. Voorhees | 12 | 174 | Rump | 21 | 166 |
| Siebold | 18 | 171 | Harwood | 18 | 161 |
| Ed. Miller | 21 | 169 | Doehle | 18 | 160 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| B. Hamilton | 246 | D. Hamilton | 662 |
| Glenn | 240 | Hofman | 593 |
| D. Hamilton | 234 | Glenn | 578 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Hydrants | 946 | Hydrants | 2624 |
| Foamites | 839 | Foamites | 2402 |
| Hose | 837 | Hose | 2367 |

## Small Motor League

| Team | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| SDA | 28 | 8 | .778 | 799 |
| SD | 22 | 14 | .611 | 800 |
| RSS | 19 | 17 | .528 | 779 |
| RKQ | 18 | 18 | .500 | 777 |
| SA | 17 | 19 | .473 | 760 |
| RSA | 15 | 21 | .417 | 762 |
| RKT | 14 | 22 | .339 | 758 |
| RSC | 11 | 25 | .306 | 732 |

### Individual Averages

| | | | |
|---|---|---|---|
| Quinn | 182 | Korte | 171 |
| Schoenherr | 182 | Rose | 170 |
| Brooks | 181 | Seymour | 170 |
| Tobias | 177 | Schild | 167 |
| Franke | 176 | Kessler | 167 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Brooks | 266 | Brooks | 640 |
| Heddon | 240 | Quinn | 611 |
| Boulden | 235 | MacAfee | 611 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| SDA | 963 | SD | 2548 |
| RKQ | 940 | SA | 2528 |
| RSA | 897 | RKQ | 2509 |

## Wire and Insulation League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Wire Rolling | 26 | 8 | .758 | 716 |
| Office | 18 | 15 | .545 | 673 |
| Bakelite | 17 | 16 | .515 | 657 |
| Mica | 15 | 18 | .455 | 660 |
| Wire Insulating | 13 | 20 | .394 | 649 |
| Paper | 11 | 22 | .333 | 658 |

### Individual Averages

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Buckles | 33 | 161 | Kampen | 30 | 152 |
| Huffman | 33 | 159 | L. Gardt | 33 | 150 |
| DeWitt | 33 | 156 | Hamilton | 33 | 150 |
| Schultz | 33 | 156 | Glenn | 33 | 145 |
| Hire | 27 | 152 | Saaf | 33 | 141 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Kampen | 253 | Kampen | 623 |
| Hire | 234 | Hire | 613 |
| Saaf | 226 | Schult | 539 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Office | 833 | Office | 2303 |
| | | Wire Rolling | 2290 |
| | | Paper | 2170 |

## Girls' League

| Team | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Transformer | 15 | 3 | .833 | 596 |
| Meter | 13 | 5 | .722 | 596 |
| Small Motor | 10 | 8 | .556 | 575 |
| Industrial Service | 9 | 9 | .500 | 546 |
| Tool Dept. | 7 | 11 | .389 | 536 |
| Fire Dept. | 7 | 11 | .389 | 526 |
| Office | 6 | 12 | .333 | 540 |
| Apparatus | 4 | 14 | .222 | 513 |

### Individual Averages

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Truelove | 27 | 148 | Bleke | 24 | 139 |
| Linnemeier | 24 | 148 | Blomberg | 24 | 139 |
| Walda | 15 | 141 | Litot | 27 | 137 |
| Fox | 24 | 141 | Eising | 18 | 134 |
| Weitfeldt | 27 | 140 | Peffley | 24 | 133 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Eising | 199 | Weitfeldt | 540 |
| Weitfeldt | 198 | Truelove | 522 |
| Truelove | 193 | Eising | 508 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Meter | 699 | Meter | 1975 |
| Transformer | 688 | Transformer | 1950 |
| Small Motor | 640 | Small Motor | 1785 |

## Decatur League

| League No. 1 | W | L. | P.C. |
|---|---|---|---|
| Broaches | 18 | 6 | 750 |
| Rotors | 16 | 8 | 666 |
| Punch Press | 10 | 16 | 386 |
| Collectors | 7 | 20 | 259 |
| League No. 2 | | | |
| Automatics | 15 | 9 | 625 |
| Stators | 13 | 11 | 542 |
| Motors | 12 | 12 | 500 |
| Flanges | 8 | 16 | 333 |
| City League | | | |
| G-E | 17 | 10 | 629 |
| City | 14 | 13 | 518 |
| K. of P. | 13 | 14 | 481 |
| Casting Co. | 7 | 10 | 361 |

### City Fire Department

| | | | |
|---|---|---|---|
| Murphy | 174 | 149 | 137 |
| Loraine | 127 | 132 | 133 |
| Rabus | 122 | 149 | 180 |
| Goeglein | 144 | 190 | 176 |
| Thieme | 169 | 204 | 123 |
| Totals | 736 | 824 | 749 |

### G-E Fire Department

| | | | |
|---|---|---|---|
| D. Hamilton | 127 | 230 | 132 |
| C. Hueber | 131 | 150 | 136 |
| D. Voorhees | 168 | 170 | 169 |
| P. Grimme | 146 | 184 | 204 |
| P. Weick | 166 | 160 | 158 |
| Totals | 738 | 894 | 799 |

# 1927

THE year 1927 has been one of satisfactory accomplishment at Fort Wayne and Decatur, the activity as measured by output being only slightly less than that of 1926, our banner year.

During this period rearrangements and consolidations of departments have resulted in increased capacity, improvement of the product and reductions in costs and consequent selling prices, so necessary to insure better service to our customers and to maintain and strengthen our position in highly competitive lines of manufacture. It is a satisfaction to note that these cost reductions have been accomplished by improved methods, the earnings of our people at the same time having been maintained or increased.

The total shipments were approximately $21,000,000 at factory cost and the payroll $8,500,000 (the latter slightly in excess of last year), practically all of which was paid to employees living in Fort Wayne and Decatur.

The number of employees at Broadway, Winter Street and Decatur reached 6287, the highest in the history of these Works.

The unfilled orders on hand are substantially the same as last year, approximately $3,000,000.

This year saw the completion of the Recreational Building at the Broadway plant, the first one of its kind at any of the apparatus factories of this Company. It is gratifying to note the extensive use made by the employees of its facilities for wholesome recreation, and the good fellowship they promote.

The prospects for 1928 based on the estimates of the commercial departments are bright and the success we achieve will be determined by the skill and thoroughness with which we perform our task.

I congratulate my fellow employees upon the success of the past year, express my appreciation of the continued spirit of loyalty and good will and co-operation which has prevailed for so long a period; and wish for each one prosperity and health and happiness in the year to come.

WALTER GOLL.

Any woman who turns a wringer is doing what a motor can do for 2½ cents an hour

Your electrical company or dealer will show you a hundred other ways in which a few cents' worth of electricity can lessen your work and increase the comfort of your home.

Let this monogram guide you in the selection of electric household appliances. You can find it, if you look, on nearly every type of labor-saver that electrical dealers sell. It is a guarantee of quality and a symbol of service.

# GENERAL ELECTRIC

210-16B

*This advertisement is in November Household and Holland's, and will appear in Saturday Evening Post, December 31, and several other December Magazines.*

George Washington

*Photo from Wide World Photos,*
*courtesy Fine Arts Museum, Boston*

# The GE NEWS

# Houses Financed Under G-E Housing Plan

*Left:*
Morton G. Pugh
938 Cottage Ave.

*Right:*
Guy Miller
2526 Hubertus Ave.

*Above—Left:*
Leonard Roebel
206 Cottage Grove Ave.

*Above—Right:*
Tom Coppoelino
4125 Hoagland Ave.

Charles M. Griffith
550 Stadium Drive

Robert Lasch
2519 Pleasant Ave.

William C. Miller
1611 Franklin Ave.

William F. Meyers
2021 Glenwood Ave.

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

Vol. 12 February 3, 1928 No. 2

# Ten Fort Wayne Men Join Quarter Century Club

LATE in December, too late for report in the January issue, ten employees of Fort Wayne Works were admitted to membership in the Quarter Century Club.

Ray Renfrew

Ray C. Renfrew, foreman, Fractional HP. Motor Division, in charge of Bldg. 17-4, tool makers. is the youngest of these new members. He is only 41 years of age. In fact Mr. Renfrew is now the youngest member of the local Quarter Century Club. He completed his 25th year of service September 17, 1927, which indicates that he was only 16 years of age when he started here. His first work was for Henry Auman, Rheostat Dept., Bldg. 3-2. Three months later he was transferred to the Tool Making Dept. under M. R. Johnson, tool-maker apprentice. He served his apprenticeship of four years working in turn under foremen Johnson, Brand and Paul Wood. After finishing his time as an apprentice he continued as a tool maker under Mr. Wood, B. C. Evans and Frank Hoffman. In about 1920 Mr. Renfrew was made assistant to Mr. Hoffman in Bldg. 26-5, and in 1924 was appointed foreman, Tool Making Dept., Fractional HP. Motor Division, a position he still holds. Mr. Renfrew recalls especially the fine qualities of the men under whom he has served, and particularly the kindness of Foreman Johnson, under whom he started his apprentice work. The first year of apprenticeship in those days, Mr. Renfrew states, was largely a messenger job, but he nevertheless learned to know the men who taught him the art of tool making.

Edward Holmes

Edward W. Holmes began his services at our plant on November 7, 1902, finishing meters under Foreman W. T. May. From this work he was placed on meter inspection and later for a time inspected castings under Charles Rulo. However, it was not long until he was again associated with meter inspection work. At present he is doing meter repair work under Foreman Lauren Klingman, who has charge of Meter Test, Bldg. 19-5. Mr. Holmes until recently was an active volunteer fireman, joining the department in 1910. He will be remembered as a member of G-E hose-laying teams that have given a good account of themselves at the annual conventions of the Industrial and Volunteer Fire Departments in this section of the state.

* * *

L. P. Wright

L. P. Wright, who formerly had charge of annealing and flash enameling work in Bldgs. 22 and 24, began his service November, 24, 1902. His first job here was running a punch press in the night force of the Meter Dept., George Hager then being the man in charge. After some three years in the Meter Dept., Mr. Wright was transferred to punch press work under Foreman F. J. Schwartzkopf. Three years later he was transferred to the Annealing Dept., and in 1916 was appointed foreman in charge of the annealing and flash-enameling work. A few months ago this work in Bldgs. 22 and 24 was combined with the punch press work under Mr. Schwartzkopf's charge, but Mr. Wright continues to give special attention to the annealing and flash enameling done in Bldgs. 22 and 24.

As a young man Mr. Wright tells us that he took great pleasure in hunting and fishing but after he was placed on salary he felt that he should regularly be on the job and has done little of either hunting or fishing since that time. He takes pride in the fact that he hasn't lost a day on account of illness since he came to General Electric.

* * *

Wm. Rempes

William Rempes, who qualified for Quarter Century membership on November 20th, is a leading operator on grinders in the Fractional HP. Motor Dept., Bldg. 4-3. His first work here, as he recalls it, was back about 1898 when he worked for a short time under Foreman Charles Knothe. From here he went to Siemens-Halske, Chicago, but when they were taken over by G-E he broke his continuity of service by accepting a position with Rhinesmith and Simonson. Records show that on November 20, 1902, he came back to this Company, starting in the Meter Dept. under A. F. Strube. He worked for 12 years in the Meter Dept. and since then has been in the Fractional HP. Motor Division working under Henry Rehling, Clyde Rehrer, Doc Obenchain, Fred Smith and finally, F. M.

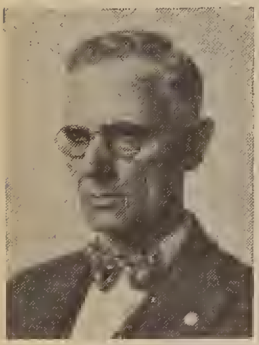
Thompson. For a number of years he has been leading operator on grinding machine work.

* * *

Elgie Nickelson

Elgie O. Nickelson began his period of service October 20, 1902. He had previously been out on the road doing construction work for the Kerr Murray Co., and thought he would prefer drafting work. He had completed a correspondence course in drafting but had no practical experience when he came here and applied for work. He was hired and started at making the tracings of drawings of all kinds of machines as they were built in those days, working in the Drafting Dept. under Mr. Crighton. In about two years Mr. Nickelson was assigned to switchboard drafting and he has continued to follow this line. In this work he has assisted in the layout and design of switchboards for cities and towns in almost every state in the Union and on some boards which have gone to foreign countries. For years Mr. Nickelson was head of this section of the Drafting Dept. He is working now in Bldg. 16-3, where the engineering, drafting and production offices of the Switchboard Division are located.

* * *


J. H. Lamboley

J. H. Lamboley, Fractional HP. Motor Division, Bldg. 3-3, began here on September 1, 1902, as a clerk in the Receiving Dept. At first he had charge of inbound traffic, but in about three years was given charge of both incoming and outgoing traffic. For five or six years he was engaged in this work and then for a time had charge of all the clerical work in the Shipping Dept. In 1916 Mr. Lamboley was transferred to the Fractional HP. Motor Dept. to take charge of the raw material. He continued in such position until July 1, 1926, when he was assigned to special work under Mr. Graham, which he is still following.

Mr. Lamboley has two daughters and a son employed here. Margaret Lamboley and Mrs. Dorothy McMullen working in the Radio Dept., Bldg. 26-2, and Earl doing chemical testing work in the Laboratory, Bldg. 28.

* * *

Retired [illegible]

Henry Pageler

Henry Pageler, Switchboard Dept., Bldg. 17-1, began his period of continuous service at our plant on January 6, 1902, so he now has over 26 years to his credit. However, he recalls that eleven years earlier, in May, 1891, he did his first work here at the G-E At that time he worked for Foreman Rupert in the Arc Lamp Dept. In his second start here, which has resulted in so many years of steady service, Mr. Pageler began under Foreman Tony Miller, working on rheostats and starting boxes. He continued working on such auxiliary equipment and detail parts under Ellsworth Fox, Henry Auman, J. J. Bauer and Gus Rogge until 1926, when he was transferred to the Switchboard Dept., where he is now employed.

* * *

Retired 9-7-30

Louis Palmer

Louis M. Palmer completed his 25 years of continuous service on November 20th. He began here in the Meter Dept., working for A. F. Strube, winding meter coils. He stayed on this job for about 6 years. In 1908 Mr. Palmer was transferred to the Transformer Dept. under F. S. Walburn and assigned to work in winding transformer coils. He has continued on this work to the present time, now being employed in Bldg. 26-1 under Foreman Fred Banks.

A. F. Welch

A. F. Welch, engineer, Fractional HP. Motor Dept., qualified for membership in the G-E Quarter Century Club on November 11th. In 1901 Mr. Welch graduated from Purdue and then remained for one year as an instructor in the engineering laboratories. He then accepted a position at the Bullock Electric Co., now the Allis-Chalmers Co., at Cincinnati. On arriving, he found that a number of recent engineering graduates had been employed and there was practically nothing for him at the time. The outlook was not encouraging, so Mr. Welch wrote to the Fort Wayne Electric Works asking for a job. On being accepted, he came here and found things about as dull as at the Bullock Electric. Knowing that his father could give him temporary work with a threshing machine crew, he left temporarily and worked through the season with them. In November, the records show it to be November 11, 1902, Mr. Welch came back to Fort Wayne and was assigned to take charge of fan motor test. He also was commissioned by Mr. Hadley, the engineer, to work out windings for these little motors and it was in this way that Mr. Welch first became connected with engineering work on small motors.

At that time there were practically no so-called power applications of motors in fractional horsepower sizes. Occasionally a power proposition was handled by placing one of the little fan motors on a low base and substituting a pulley for the fan. It was some time later that the Shelton vibrator business developed the first power application in fractional horsepower motors of any moment that was undertaken here. The vacuum cleaner business then developed and as time went on the applications multiplied until at the present time the little motors are one of the principal products of our Works.

From this original work Mr. Welch's work, particularly in engineering, has grown until now under Mr. Welch's direction there is a force of 37 men and 8 girls doing the work of the Fractional HP. Motor Engineering Dept. The position Mr. Welch accepted back in 1902 might have been passed by as offering little prospects in the way of advancement for a career in engineering endeavor; however, it has developed largely under the genius of Mr. Welch and his associates, to a degree that would certainly be gratifying to the most ambitious young engineer.

* * *

T. T. King, switchboard engineer, received his diploma at Purdue in 1902 and came at once to the Fort Wayne Electric Works, starting on June 16th. He expected to work for a time in the factory and provided himself with a new dinner pail and a pair of new overalls. He was taken to the factory and spent the forenoon there. During the afternoon Mr. Hadley called him into the office, overalls and all, and set him to work plotting the saturation curve of some machine that was then on test. He stayed on in the Engineering Dept., having no further use for the overalls and dinner pail. In December, Mr. King was selected to go back to Purdue University to do research work for the National Electric Light Association, on the Nernst lamp, and accordingly was granted a six months' leave of absence. In May, 1903, he came back to Fort Wayne Works and took up engineering work on arc lamps. He continued on arc lamp engineering until manufacture of the lamps was discontinued here, and then worked on design of motor-generator compensarcs and battery charging motor-generator sets. When the switchboard work at our plant was limited to battery charging panels Mr. Cooper, who had been in charge of switchboard engineering, was transferred to Schenectady and Mr. King took over the engineering for the panels.

T. T. King

In October, 1924, it was decided to establish a Central District Switchboard Assembly Shop here and Mr. King was placed in charge. He has continued on this work.

Thinking back of things as they were some 25 years ago, Mr. King recalls the gas fireplace with elaborate oak mantel in the Accounting Dept. section of the old office building, which stood right in the corner between Broadway and the Pennsylvania tracks. There was no Works telephone exchange in those days, and to telephone another department in the office or the factory it was necessary to call through the downtown exchange.

One stenographer took care of all the correspondence for the superintendent, Mr. Barnes, Mr. Wood and the Engineering Dept.; and engineering instructions usually were written longhand or issued verbally. It was about that time that Bldg. 8 was finished and Mr. King says he recalls looking at the immense crane they were installing and wondering if we would ever build anything big enough to need it.

Street lighting then was one of the main activities at the Fort Wayne Works, and the old arc test with its racks of open arc lamps and series arc machines with their spitting commutators was the show place for visitors. A stunt was to open the arc circuit at the switchboard—the long roaring arc never failing to impress the visitors. And so the story of things as they then were might go on, for Mr. King tells them in the most interesting way. But this is enough to have us realize that there have been many changes since these new quarter century men first reported for work.

## Winter Street Holds Xmas Party

WINTER Street employees again held an unusually interesting and happy party for their families and friends just preceding the holiday season. It was their second annual Christmas party and was staged this year in the gymnasium of the G-E Club on Broadway.

As usual at Christmas parties there was a program preceding the appearance of Santa Claus. A great many of those who took part this year were on the program one year ago. The committee arranging the program certainly had discovered some clever talent among Winter Street employees and junior members of their families.

PROGRAM

"Silent Night"
  Audience
Piano Solo
  Evelyn Speckman (daughter of Carl Speckman)
Recitation
  Robert Warnement (son of Julius Warnement)
"Annie Laurie"
"Land of My Sunset Dreams"
  Men's Glee Club (employees)
Piano Solo
  Dorris Gettys (daughter of Claude Gettys)
Recitation
  Calvin Stocks (son of Wilbur Stocks)
Song
  Dale Parsch (son of Wehlen Parsch)
Piano Solo
  Evelyn Mueller (daughter of William Mueller)
Black and White
  Ben Jackson and Jess Robbins (employees)
Piano Solo
  Marie Schwartz (daughter of John Schwartz)
Duet
  Billy and Edith Knoche (children of Walter Knoche)
Reading
  Margaret Frailey (a little girl friend)

The entertainment was brought to a close by the crowd singing "Oh Little Town of Bethlehem." The singing was led by Henry Schnurr, general foreman at Winter Street. Wayne Cook, Production Dept., acted as official announcer.

As the program finished, Santa arrived and distributed gifts to everybody from the big Christmas tree at the front of the hall. Then each lady present was given a number, a drawing was made and the holders of the lucky numbers received articles of food that were on display in the G-E Electric Refrigerator.

It was a very happy group of people that finally dispersed, some going to their homes and others to Bldg. 16-2, where they danced. Ben Beaty, an employee of the G-E, and his orchestra from the Cozy Inn played for the dance.

The Winter Street firemen in uniform acted as ushers for the party. John Schoedel was chairman in charge of all arrangements, and he and his assistants, Henry Schnurr, Wayne Cook, Wilbur Stocks, Leroy Wysong, Albert Ralston, John Schwartz and Edward Bunting deserve much credit for the success of this happy family party.

## Two Appointments of Interest

TWO appointments of considerable interest at Fort Wayne Works effecting changes in our engineering organization became effective January 3rd. P. O. Noble, engineer, D-C. Apparatus Dept., was transferred to the Fractional HP. Motor Engineering Division to act as assistant engineer, and V. J. Tuttle was appointed engineer, D-C. Apparatus Dept., succeeding Mr. Noble.

Mr. Goll stated in the official announcement that the transfer of Mr. Noble was made with a view of increasing the strength of the Fractional HP. Motor Engineering Division. Mr. Welch, who always has been connected with the engineering design of fractional hp. motors here, continues in the position of engineer, Fractional HP. Motor Division.

Mr. Noble has been with the Company ever since his graduation from Pennsylvania State College in 1904. On receiving his degree he entered Test at Schenectady. He was then assigned to engineering design work in the D-C. Motor Dept. In the years that followed he had experience in the design of d-c. machinery and synchronous converters and developed the automatic arc welding equipment now marketed by our Company. When the D-C. Apparatus Division was established at Fort Wayne Mr. Noble was appointed engineer and came to Fort Wayne in January, 1925, to direct the engineering work. Since then he has built up an effective engineering organization that is handling a large volume of business.

Mr. Tuttle came to the General Electric organization immediately after his graduation from South Dakota State College in 1907, and started in on Test at Schenectady Works. In 1910 he was given a position in the D-C. Motor Engineering Dept. at Schenectady. In May, 1925, Mr. Tuttle was transferred to the D-C. Apparatus Division here and was assigned by Mr. Noble to general development work. His selection to succeed Mr. Noble as head of the department is evidence that he has capably discharged the responsibilities previously assigned to him.

V. J. Tuttle

P. O. Noble

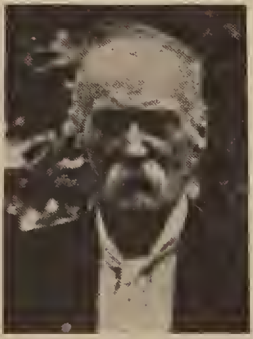
## Volunteer Firemen Elect

THE annual election of officers for the Volunteer Firemen's organization resulted in the reelection of Wm. Melching, president; Harry Zimmerman, vice president; Fred Duryee, secretary; Jim Sivits, treasurer; Paul Grimme and George Doehla on board of management. At this meeting held just before the holiday season each fireman received a five-pound box of candy and the chief received a present of a dandy radio cabinet from the men.

## Deaths

### Samuel Elliot

Samuel Elliot, first Fort Wayne Works employee to receive a pension, died at his home in Los Angeles December 2nd. Mr Elliot was a pattern maker by trade and was employed here on January 12th, 1892. For many years he was foreman of our Pattern Shop,


Samuel Elliot

In 1918 Mr. Elliot was 73 years of age and in August of that year he decided to retire and asked that he be granted a pension under the terms of the Company's pension system. His request was at once granted, his pension dating from September 1, 1918. On giving up his work here, he and Mrs. Elliot went to Los Angeles, California, where they had relatives, and established their home. They liked it there, and in spite of his advanced years Mr. Elliot enjoyed excellent health. Mr. Elliot was always delighted to see people from Fort Wayne and never failed to take advantage of an opportunity to send back his best wishes to all his old friends at the Fort Wayne Works. Funeral rites for Mr. Elliot were held at Los Angeles, interment also being made at Los Angeles.

### James B. Miller

James B. Miller, an inspector in the Fractional Horsepower Motor Dept., died at his home on Nelson Street on the morning of December 16th. Although 69 years of age, Mr. Miller had reported regularly at his work until November 26th when he became ill.

James Miller

Mr. Miller came to the General Electric on June 1, 1911, and ever since had been an inspector in the Fractional Horsepower Motor Dept., working recently in Bldg. 4-4. He was an uncle of Howard Miller, head of our local Testing Laboratory. Funeral services were held in this city December 19th, burial being made in the Fairview Cemetery, Bluffton, Indiana.

### William Bierbaum

William Bierbaum, foreman in charge of the transformer finishing, plating and sandblasting work in Bldg. 26-B, died at St. Joseph's hospital January 6, 1928. Mr. Bierbaum, who had been in ill health for several months, had not been able to be at work since June 1, 1927, He had been a patient at the hospital for several weeks prior to his death and had not been expected to recover. Mr. Bierbaum's first employment at our plant was as a machine operator in the Meter Dept. The record indicates that he started here on September 1, 1901, having a service record of over 26 years with the General Electric Company.

# G-E Housing Plan Offers Unusual Opportunity

WE feel that there still are many of our employees who are not acquainted with all the details of the G-E Housing Plan. The Housing Committee of the Fort Wayne Works is composed of Walter Goll, chairman; J. H. Evans, C. H. Matson, J. W. Crise, and W. J. Hockett, secretary. All transactions must be approved by this committee. It is, therefore, of the utmost importance that you get in touch with the Industrial Service Dept. and let them help you with all the details and get the approval of the Housing Committee before signing any contracts. The Industrial Service Dept. is at your service to give you advice and counsel free of charge. This department has gained some wide and valuable experience in the last three and one-half years in working with employees in the financing and building of over 100 homes, 30 of these in the past year.

In order that you may receive financial assistance under the G-E Housing Plan, the following conditions must be fulfilled:

You must have to your credit one or more years of service with the Company.

Your record here must show that you are a steady, trustworthy employee and you must be in good health.

You must have at least 10 per cent of the cost price of the proposition (house and lot).

Your proposition must be practical for you from the standpoint of your income.

If you are planning to build a home next spring or summer now is the time to prepare plans and specifications. Come to the Industrial Service Dept. and get first hand information regarding the G-E Housing Plan and talk over your plans for a home. We have many books of house plans which you can borrow and study. Spend some of these long winter evenings drawing floor plans and arranging things just where you would like them. Careful planning eliminates changes after construction has started, and changes are expensive.

### An Unsolicited Testimonial

*December 16, 1927.*

*The G-E Housing Committee.*

*I came to the United States from Italy in 1905. I worked in twenty-four states, but could not find steady work. I had no home nor any money when I started to work at the General Electric Company in 1917, but after I had worked for the Company for ten years I went to Mr. Hockett and asked him for a loan with which to build a home. Through his help I built my house and I am very thankful to the General Electric Company for the help they gave me in building my home at 4125 S. Hoagland Avenue.*

*Yours truly,*
TOM COPPOELINO.

If you desire to buy a house which is already built, now is a good time to do it. There is no doubt that at the present time the market is in favor of the buyer. When you are fully satisfied that you have found the house you want, come to the Industrial Service Dept. and explain your proposition. The Housing Committee will appraise the place and advise you of its true value.

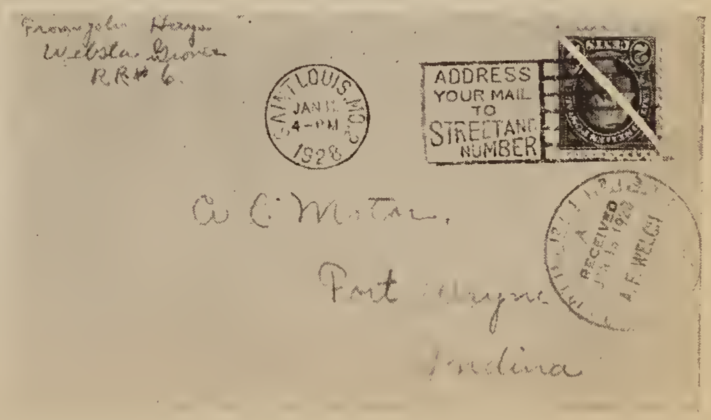
In any case, if you are thinking of financing your home through the G-E Housing Plan, be sure not to sign any contracts before you have the approval of the Housing Committee. There are so many things that might keep them from approving your proposition—the price might be too high, it might be too big a proposition for your income, the title might not be clear and many other things might enter into the case. Consult us first.

L. C. SWAGER,
Industrial Service Dept.

## Foremen's Association Has New Officers

AT the last annual election of officers for the Foremen's Association Carl Bobay, Transformer Welding Dept., was chosen president; Oscar Weitzman, Apprentice Dept., first vice president; Walter Holloway, Fractional HP. Motor Dept., Bldg. 4-1, second vice president; Goerge Harkenrider, Transportation Dept., third vice president; J. R. Snyder, Insulation Dept., Bldg. 7-2, secretary; Gottlieb Thiele, Pattern Shop, treasurer, and Lloyd Platt, former president, was chosen as a member of board of management. The new officers assumed their positions in December.

The first event under the new officers was the big Christmas party held for members and their families in the Gym of the G-E Club on Wednesday, December 28th. Henry Auman was chairman of the committee which staged the party. He was assisted by R. J. Hoffman, Henry Peters, Fred Schafenacher, Harry Odell, Clarence Hartman, Harry Hire, Hans Anderson, and Roy Rippe. There was special entertainment for the children, during which the "grown-ups" played bunco. A Santa Claus, of course, was to be expected and he had candy and toys for all the children.



From John [illegible]
Webster Grove
RR# 6.

SAINT LOUIS MO.
JAN 12
4-PM
1928

ADDRESS
YOUR MAIL
TO
STREET AND
NUMBER

[illegible],

Fort Wayne

Indiana

RECEIVED
JAN 13 1928
A. F. WELCH

**CAN YOU BEAT THIS?**

**This letter, sent from St. Louis on January 12th, arrived at the G-E Works (its proper destination) on the following day.**

# Suggestions Pour in During Last Period

DURING the period between December 6th and January 9th, eighty separate suggestion awards were made, totaling $915. The largest award was $150.

Russell Walters, Bldg. 4-1, received the $150 award on his idea of a change to the windings of Frame 1465 fractional horsepower motor armatures which made possible a reduction in the number of rejections and a reduction in the time required for the operation.

W. H. Finke, Bldg. 6-2, received $80 for his suggestion that stock for transformer hanger irons be cut to proper length at the mill.

Mrs. Louise Lawson, Bldg. 26-2, suggested the use of a lead burning device to aid in removing insulation from leads in Bldg. 26-2. She was awarded $75.

Herman Kirkendall, Winter Street, received $70 for his suggestion to eliminate the use of compound in reaming bearings at Decatur.

B. C. Metker, Bldg. 4-4, suggested a change in the method of grinding certain fractional hp. motor shafts that reduced the time. He received a $30 award.

Louis Scherer, Bldg. 2-E, suggested the supplying of a device for cutting off edges of paper while rolling, which brought him an award of $20.

Carl S. Campbell, Bldg. 19-5, was awarded $15 on his suggestion of change to design of tongue and block on stacking machines, Bldg. 19-5.

Albert R. Flory, Bldg. 4-3, received $15 for his idea regarding a chute for separating work from shavings on Gridley 4-spindle machines in Bldg. 4-3.

Daisy Pearson, Decatur Branch, was awarded $15 on her suggestion of using pins for forks on armature winding machines at Decatur.

Alton Cupp, Bldg. 26-2, suggested an improved tension roller for radio coil winding machines and received $15 award.

Gustav Mittermaier, Bldg. 12-2, suggested a device to aid in grinding punches on machine No. 16458 in Bldg. 12-2 and received $15 award.

R. L. Walters

Mrs. Louise Lawson

Herman Kirkendall

Ernest Lake, Decatur Branch, received an additional award of $10 for his suggestion of a tool for countersinking and reaming bearings at Decatur in one operation. The original award was $35.

Charles C. Bracht, Bldg. 26-5, was granted $10 award on his suggestion of supplying a paper tension device on certain transformer winding machines.

Harry E. Keller, Bldg. 26-2, received $10 award on his suggestion of supplying a tension device for paper rolls on certain transformer winding machines.

Dorris Stalter, Decatur, suggested the use at the Broadway plant of waste end insulation from Decatur and received $10.

Frank Bohnke, Decatur, was awarded $10 on his suggestion regarding using pins for forks on armature winding machines at Decatur.

Herschel E. Odier, Winter Street, received $10 on suggesting supplying an arbor for burring check valves at Winter Street.

Henry Thorn, Bldg. 26-2, suggested ball-bearing rollers for certain tension devices used in Bldg. 26-2 and received $10.

Russell Steele, Bldg. 26-2, received $10 award on suggestion regarding hardening rolls and other parts on wire traverse on certain winding machines in Bldg. 26-2.

Aubrey Lash, Winter Street, received $10 award on his suggestion of a device to clean dryers at ovens in Winter Street plant.

Carl B. Egts, Bldg. 26-2, suggested change to razor blade holders used in Radio Dept., Bldg. 26-2, and secured $10 award.

Herman Kroehl, Bldg. 20-1, was awarded $10 on suggestion regarding change to oiling system for rams of presses in Bldg. 12-1.

H. W. Tieman, Bldg. 20-1, received $10 award on suggestion of an adjustable turntable for use with cutting machine in Bldg. 27.

Theron J. Kitchen, Bldg. 4-1, suggested a change to tools used in undercutting shafts in Bldg. 4-1 and was granted $10 award.

Mrs. Louise Lawson, Bldg. 26-2, also received an award of $10 on a suggestion of a special type of solder well for use with irons used in Bldg. 26-2.

Five dollar awards were granted to the following employees for suggestions as indicated:

P. Kirbach, Bldg. 26-1, change to blocks used for holding K.S. coils in the Transformer Dept.

W. B. Henline, Bldg. 4-2, change to switch box on machine 3540 in Bldg. 4-2.

John J. Stover, Bldg. 19-5, change to design of chuck used with T.S. gears in Bldg. 19-5.

E.W. F. Auman, Bldg. 12-2, supplying a guide for pulleys of press 5939 in Bldg. 1 -2.

Willard Grush, Bldg. 15-A, supplying a flag pole at the Winter Street plant.

Leamon Hoffman, Bldg. 19-B, change to G. W. 24 case trimming die to facilitate the removal of scrap.

Edwin Quilliman, Bldg. 8-2, supplying a monorail crane for handling rolls of paper in Bldg. 8-2.

F. Burkett, Bldg. 20-2, supplying screens at the sand blast equipment in Bldg. 19-B.

Clayton Raquet, Bldg. 26-4, buffing D7 and D12 shafts.

R. H. Bailey, Bldg. 20-1, supplying guard for bus-bars at heat run conveyor in Cldg. 4-1.

Theron J. Kitchin, Bldg. 4-1, supplying a device to prevent the nicking of shafts at machine No. 14624 in Bldg. 4-1.

James O. Robinson, Bldg. 4-1, change to roll holders on insulation forming machines in Bldg. 4-1.

Henry Thorn, Bldg. 26-2, spring holders for arbors used in Bldg. 26-2.

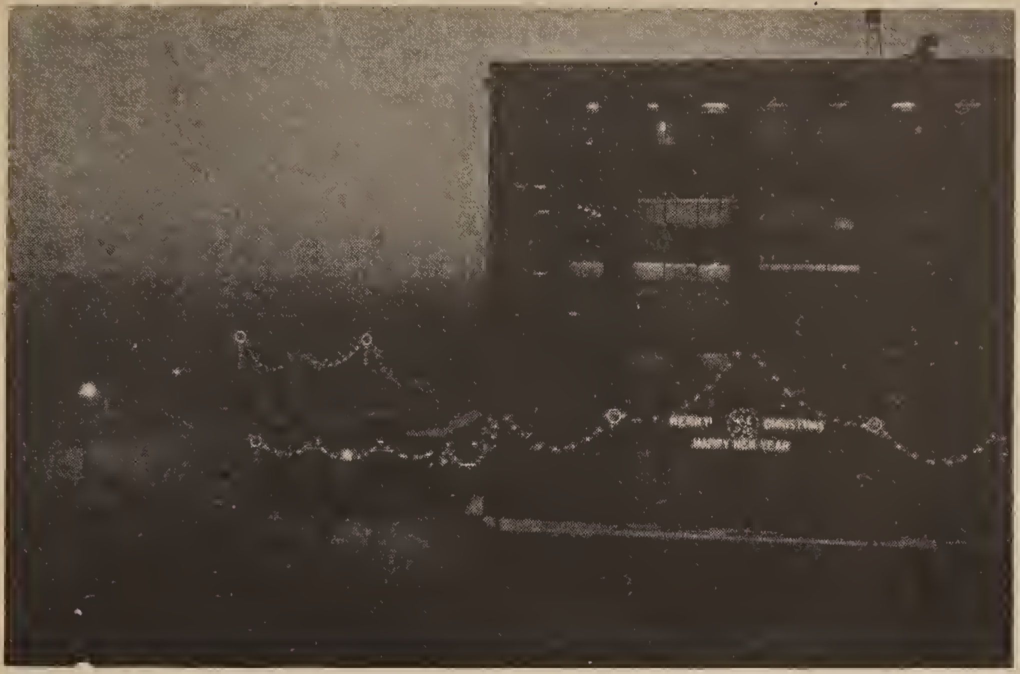
Lawrence Walters, Bldg. 2-E, providing railing at platform in Bldg. 8.

E. Baughman, Bldg. 26-3, supplying stops at conveyor in Bldg. 6-3.

William W. James, Bldg. 19-2, supplying additional stencils for use in the Transformer Dept.

Wilmer Bock, Bldg. 17-3, a special form for use in delivering parts in Bldg. 17-3.

*(Continued on page 17)*



The Christmas Decorations

## Works Dressed in Light for Holidays

THE decorative lighting on the buildings at our Broadway Plant during the holidays was unusually beautiful. All of the buildings fronting on Broadway were decorated and a Christmas tree 30 feet high stood as the center of attraction in the triangle across from the main Office Bldg. Wreaths in red and green lights, stars in white lights, illumined Christmas bells—all connected together by festoons of red, white and green lights—were used in the scheme of the decorations.

The wreaths and stars used were four feet across and each contained from 30 to 35 lights. On the end of Bldg. 19 "Merry Christmas" and "Happy New Year" were written in letters of white light centered around a G-E monogram which flashed in colored lights.

In these decorations over 2100 incandescent lamps were used. There were some 200 lights on the big outdoor Christmas tree and 325 lights on the indoor tree erected in the gymnasium for the G-E Children's Christmas party. On each of these trees some 2000 feet or approximately ⅓ mile of tinsel was used. There was a total of 17 wreaths, 3 stars and 3 bells worked into the outdoor lighting scheme and the strings of lights if placed end to end would extend approximately ¼ mile. The lights required a total of at least 60 kilowatts of energy, enough to light brilliantly 150 homes.

The lighting was maintained each night from December 22nd to January 3rd. It was a sight worth seeing—the product of some careful planning and excellent work on the part of men of our Plant Construction and General Service Divisions.

## One of the Parties

THE Payroll and Accounting Depts. held their annual Christmas party in Bldg. 16-2, on December 22nd. At 6 o'clock dinner was served to members of the departments and members of their families. Small Christmas trees formed the centerpieces for the three tables, and evergreen sprays made a green path through the center of each table. The favors were striped candy canes made into tiny umbrellas. Harold C. Brudi acted as toastmaster. Responses were made by J. W. Crise, R. Mueller, Clarence Koch and George Waldschmidt.

The dinner was followed by a program put on by people from the two departments. Genevieve Pelz and Vera Hevel did an Apache dance. Musical numbers were contributed by Erma Somers and Clarence Koch. Louise Borgman sang a solo. A broadcasting station had been improvised and George Waldschmidt acted as announcer for each number as it appeared. Santa Claus appeared on the scene and distributed gifts to all.

After the program, as the evening was still young, card tables were arranged and some played bridge while others enjoyed games of bunco. Later in the evening the floor was cleared for dancing. The music was furnished by an orchestra composed of employees in the two departments.

CHILDREN'S CHRISTMAS PARTY

The picture at the left shows the gymnasium ready for the Children's Christmas party. At the right, are most of the participants in the home scene on Christmas Eve, which was part of the entertainment. *They are left to right:* Jacqueline Hench, A. R. Vegalus, Betty O'Toole, S. C. Newlin, Rev. T. P. Potts, and Irene Myers who is holding Jean Hench. Paul Spiegel and Master Harold Cox are not in the picture.

FORT WAYNE
WORKS NEWS

*Published on the first Friday of each month by the General Electric Co. in the interests of the employees of the Broadway, Winter Street and Decatur Plants.*

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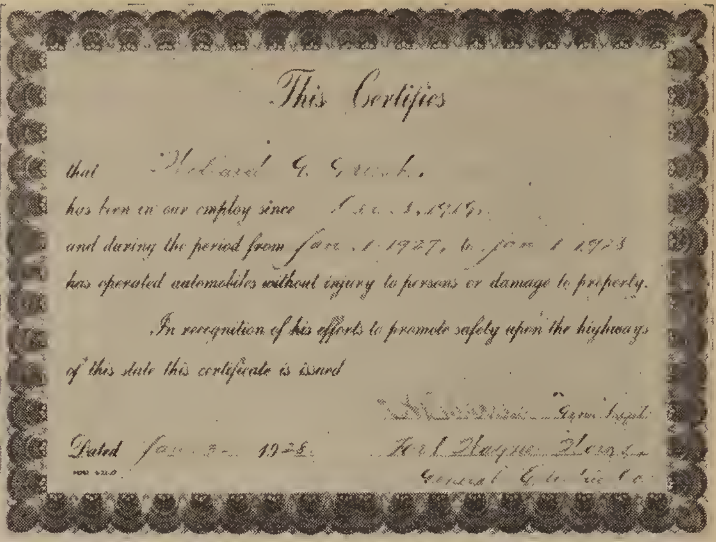
F. G. Duryee..........Volunteer Firemen
John L. Verweire..........Band
J. E. Hall..........Quarter Century Club

Vol. 12 February 3, 1928 No. 2



This Certifies

that [illegible]

has been in our employ since [illegible]

and during the period from Jan. 1, 1927, to Jan. 1, 1928

has operated automobiles without injury to persons or damage to property.

In recognition of his efforts to promote safety upon the highways of this state this certificate is issued

Dated Jan. 3 1928

[illegible] Gen. Supt.
Fort Wayne Works
General Electric Co.

FOR SAFE DRIVING

One of the certificates received by G-E chauffeurs driving cars and trucks, for their efforts to promote safety.

## Safety Paragraphs

BEFORE the discovery of antiseptics, the death toll of surgical operations was terrific. In those days it was estimated that 99 per cent of all abdominal operations were fatal. Sixty per cent of all other major operations, such as the amputation of an arm or leg, resulted in death. Without realizing it, the surgeons infected the wound they dressed.

This terrible death rate was due to "hospital gangrene." It was believed that a wound had to grow worse before it could grow better, to rid the body of poisons. Dr. Joseph Lister in England and Dr. Oilver Wendell Holmes in America, however, believed that the sources of infection were from outside the body. In 1866 the great French scientist, Louis Pasteur, proved that bacteria were the cause of infection. Dr. Lister was the first surgeon to follow up this discovery with the use of antiseptics and has been called the "father of modern surgery."

But best of all, antiseptic treatment has made amputation unnecessary in thousands of cases where it would formerly have been imperative. Prompt first aid treatment is the best protection against infection. This idea is beginning to "get across" to the people in the Fort Wayne Works and as a result of prompt treatment at the dispensaries the number of infections in 1927 was reduced about 72 per cent from the number in 1926.

* * *

During the last three months of 1927 our safety record was very poor but in spite of this our number of accidents was reduced about 44 per cent over the year previous. If we could have finished the year the way we were going the first nine months we would have shown a real reduction. During 1928 we will have to show a greater reduction than that in order to keep our standing with the other Works.

* * *

The outstanding record for 1927 was made by the Wire and Insulation Division which came up from next to the bottom position in 1926 to win in 1927. During the entire year they had only one lost-time accident causing the loss of two days' time, which gave them a standing of 72 per cent. As a result, this division will be awarded the yearly trophy.

* * *

In recognition of their efforts to promote safety, especially on the highways, the chauffeurs driving G-E cars and trucks have been awarded certificates showing that they have had no accidents during 1927. As a matter of fact, most of these men have never had an accident with their cars since they have been in the employ of the Company. This is a noteworthy record and deserves commendation. These certificates were received by the following men: W. D. Reed, W. Beaty, O. L. Beaty, W. E. Grush, E. Sullivan, A. M. Schuhler, M. Beucler, C. Thiele, E. Simpson, Wm. Fabian, George Linden, S. Henline, C. Baade, C. W. Noll, R. J. Brown, Roy Lutz, John Eicks.

J. A. McKIM,
*Safety Engineer.*

## Absent Employees

Harry Bennett, foreman, Bldg. 17-3, has been a patient at the St. Joseph hospital for the past two weeks recovering from an operation. We hope that soon he will have recovered sufficiently to be moved to his home at 4512 South Hanna Street.

Ella Hartnett, Bldg. 4-5, is confined to her home at 408 W. William St., because of a dislocated ankle. She is getting along fine and hopes to be able to return to work soon.

Mrs. Florence Weimer, Bldg. 19-2, is a patient at the St. Joseph hospital. Although her condition has not been everything desired, we hope there soon may be a decided improvement.

Edith Peters, stenographer in the Rate Supervision Dept., who has been absent from work for the past year, is still confined to her home at 519 E. Washington Street. Her condition is somewhat improved and we hope she is on her way to recovery.

Edward Scharpenberg, General Service Division, has been away from work for the past three months suffering from nervous trouble. Members of his family report that he is somewhat improved. This is good news and all of his friends are anxious that his improvement may continue rapidly.

George Heller, foreman, Punch Press Dept., Bldg. 27, is a patient at the Lutheran hospital. His condition has been serious, but we hope he will soon be on the road to recovery.

# Four Die When Train and Auto Crash

ON the morning of December 1st, there occurred in Decatur, Indiana, a terrible accident in which four employees of the Decatur branch of the Ft. Wayne Works were killed instantly. The car in which they were driving to work was struck by a train at a crossing and completely demolished.

When word was received at the Decatur Branch, the first question asked by Superintendent Lankenau, and by a number of others, was whether the four employees had been adequately protected with insurance. The records were immediately looked up, and it was found that all of the victims of the catastrophe, save one, had by wise forethought provided against every emergency by securing their share of G-E group and additional insurance. Mrs. Bessie Strickler Hoblet, whose marriage had recently been announced, was to have resigned her job on the next day, and had already cancelled her additional insurance.

Alfred R. Stetler, 36 years old, the owner of the car in which they were all riding, had no direct dependents. His beneficiaries, two brothers and two sisters, will therefore receive $150 free insurance, together with his $1000 additional insurance.

Hobart Strickler, 31 years old, left a wife and little boy. He had $1500 free insurance and $1000 additional insurance. That Mr. Strickler's provision was a wise one is amply revealed in a statement made recently by Mrs. Strickler, his widow, who is now faced with the problem of bringing up their little lad without the help of his father. "Anyone that cares for their family enough to protect them," she said, "should surely take the group insurance. I appreciate it so much and it will help me and my little boy greatly. Without the insurance, I would have been a serious burden upon my elderly parents and would have been left in a serious condition financially. Mr. Strickler believed firmly in insurance. In addition to the insurance through the General Electric Company, he was insured for $2300 in other organizations. This will be the means of helping me to bring up my little boy and give him some of the advantages that he otherwise would not have."

Hazel Le Munyon, the fourth member of this unfortunate group, had $150 free insurance and $500 additional insurance. Her beneficiary is her mother. Her father, mother and younger sister live on a rented farm. A few days before the death of Miss Le Munyon a cyclone had passed over the farm damaging it severely. Because of this, and because of several other serious reverses during the past few years, the insurance will prove all the more helpful to the family.

| Years | Date of Death | Employees | Age | Beneficiary | Free Ins. | Add'l Ins. |
|---|---|---|---|---|---|---|
| *Schenectady Works* | | | | | | |
| 12 | Aug. 3 | John Oliverio | 51 | Wife | Yes | Yes |
| 24 | Sept. 25 | John J. Conlin | 49 | Sons | Yes | Yes |
| 22 | Oct. 22 | Albert H. Pryor | 47 | Wife | Yes | Yes |
| 12 | Dec. 2 | William Obiecunas | 52 | Son | Yes | Yes |
| 21 | Dec. 3 | Charles Harrington | 43 | Wife | Yes | Yes |
| 24 | Dec. 3 | John Garrie | 66 | .. | None | Yes |
| 12 | Dec. 8 | Joseph Kalinski | 54 | Wife | Yes | Yes |
| 5 | Dec. 9 | Francis D. Phillips | 60 | Daughter | Yes | Yes |
| 19 | Dec. 14 | Edward McGowan | 56 | Wife | Yes | Yes |
| 17 | Dec. 16 | Pasquale Frasso | 62 | Wife | Yes | Yes |
| 15 | Dec. 18 | Obert A. Pearson | 44 | Wife | Yes | Yes |
| 5 | Dec. 26 | George H. Adams | 50 | Wife | Yes | Yes |
| *River Works* | | | | | | |
| 11 | Aug. 8 | Forrest V. Austin | 47 | Estate | Yes | Yes |
| 18 | Dec. 7 | John E. Kavanagh | 47 | Wife | Yes | Yes |
| 12 | Dec. 13 | Edgar J. Small | 58 | Wife | Yes | Yes |
| *West Lynn Works* | | | | | | |
| 11 | Aug. 8 | Edith L. Austin | 40 | Estate | Yes | Yes |
| *Erie Works* | | | | | | |
| 4 | Nov. 26 | Hugh A. Songer | 30 | Wife | Yes | Yes |
| 4 | Dec. 2 | Theodore J. Nowak | 43 | Wife | Yes | Yes |
| 4 | Dec. 2 | John Rybascoff | 36 | Wife | Yes | None |
| 12 | Dec. 18 | Joseph Kowalski | 50 | Wife | Yes | Yes |
| *Fort Wayne Works* | | | | | | |
| 8 | Dec. 1 | Hobart Strickler | 31 | Wife | Yes | Yes |
| 2 | Dec. 1 | Hazel Le Munyon | 24 | Mother | Yes | Yes |
| 3 | Dec. 1 | Alfred R. Stetler | 36 | Estate | Yes | Yes |
| 17 | Dec. 16 | James B. Miller | 69 | Wife | Yes | Yes |
| 7 | Nov. 24 | Lillian M. Hilyard | 35 | Husband | Yes | Yes |
| *Pittsfield Works* | | | | | | |
| 2 | Nov. 25 | Mary Arnold | 41 | .. | None | Yes |
| 8 | Dec. 24 | Samuel Armstrong | 50 | .. | None | Yes |
| 11 | Dec. 26 | Floyd Almstead | 39 | Mother | Yes | Yes |
| 12 | Dec. 11 | William A. Gross | 57 | Wife | Yes | Yes |
| 3 | Dec. 15 | John R. Cusson | 51 | .. | None | Yes |
| *Philadelphia Works* | | | | | | |
| 9 | Nov. 28 | Mary J. Hughes | 45 | Sons | Yes | Yes |
| 2 | Nov. 28 | Victor Murovlov | 36 | Friend | Yes | Yes |
| 2 | Dec. 9 | Eli Nichols | 42 | Daughter | Yes | Yes |
| *New Kensington Works* | | | | | | |
| 1 | Dec. 5 | William M. Thompson | 23 | Wife | Yes | Yes |
| *Chicago Office* | | | | | | |
| 26 | Dec. 26 | Jesse Scribner | 63 | Daughter | Yes | Yes |
| *Incandescent Lamp Dept.* | | | | | | |
| 10 | Dec. 8 | John Pecht | 75 | Wife | Yes | None |
| 5 mos. | Dec. 10 | Frances Kreshal | 20 | Mother | Yes | None |

| | Free Insurance | | Additional Insurance | |
|---|---|---|---|---|
| | No. | Amount | No. | Amount |
| Claims paid month of December, 1927 | 33 | $36,238.51 | 34 | $42,500 |
| Previously reported, 1927 | 298 | 337,957.84 | 228 | 358,500 |
| Total claims paid, 1927 | 331 | $374,196.35 | 262 | $401,000 |
| Total claims paid since Nov. 16, 1925 | | | | $1,573,148.69 |

# S.S. *California* Goes to Sea

## *World's Largest Electrically Driven Passenger Ship Starts on Maiden Voyage*

ON January 7th to 9th, the S.S. *California*, the largest commercial steamship ever built in the United States, underwent her stiff sea trials preliminary to being turned over to her owner. This huge ship, which also has the distinction of being the largest commercial vessel ever equipped with turbine-electric drive, passed these exacting trials with flying colors, her G-E electrical equipment justifying in every way the expectations of her owners.

The *California* now goes into service under the flag of the Panama Pacific Line, a subsidiary of the International Mercantile Marine Company, and will be used on a 5500-mile run between New York and the Pacific Coast, by way of Havana and the Panama Canal.

In every way, but especially in the adaptation of electricity to marine uses, this vessel represents the last word in modern shipbuilding. From the tip of her tallest electrically-operated cargo boom to the tip of her 45-ton electrically-operated rudder she is a marvelous tribute to the advance of electrical science in the realm of marine engineering.

The ship is 601 feet 3 inches long and 80 feet wide, and has a displacement of 31,000 tons.

The increase in intercoastal shipping made necessary the building of this new ship, and in laying their plans for the most luxurious and most efficient vessel which could be built, the owners were much influenced by the records of the four first-line battleships and two huge airplane carriers—the *New Mexico*, the *California*, the *West Virginia*, the *Maryland*, the *Saratoga*, and the *Lexington*—which had been completely electrified by General Electric for the United States Navy. Previously no commercial vessels of any great size had used turbine-electric drive. But the International Mercantile Marine saw no reason why the advantages of this type of propulsion should not be made use of in their newest and finest boat.

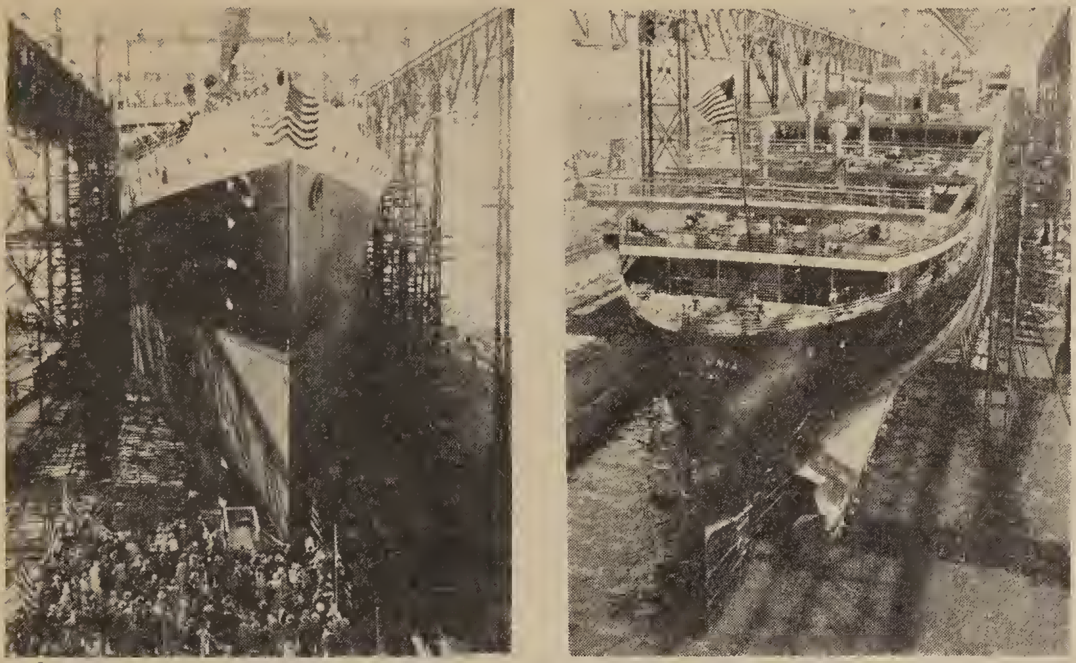
A Sparkling Pool Welcomes the Passengers

The results of the trials came up to expectations in every way. Vibration has been practically eliminated, enormous economies in fuel consumption have been achieved, and the vessel, in spite of its huge size, shows a distinct advance as regards ease of handling under all conditions and in every kind of weather.

The actual propulsion of the vessel is achieved by means of two G-E synchronous induction motors having a combined capacity of 17,000 horsepower, or sufficient to operate eight Panama Canals. One of these motors is direct-connected to each of the two propellers, which have a diameter of 18 feet and a weight of 39,000 pounds apiece. Each of the three blades of each propeller weighs 9000 pounds, while the hubs on which they are mounted weigh 12,000 pounds. The bolts used to fasten blades to hubs weigh 25 pounds apiece.

The current for each of these motors is supplied by a G-E alternating-current generator having a maximum continuous rating of 66,000 kilowatts, 4000 volts. These generators, in turn, are each driven by a marine type General Electric steam turbine, each of these having a maximum capacity of 8500 shaft horsepower, 2880 r.p.m.

But propulsion is by no means the only way in which electricity serves the ship. The rudder, for instance, is con-



**FORE AND AFT**

The *California*, Front and Rear Views Taken Before Launching

trolled by means of hydro-electric steering gear. This rudder weighs 45 tons complete with its stock, this weight being carried from the deck. It has a larger area than would normally be required, to provide an extra margin of safety when the ship is passing at low speeds through the Panama Canal. The rudder post is of steel, 23 inches in diameter. The gear is designed to stand the pressure incident to putting the rudder from hard-over to hard-over through an angle of 70 degrees in 30 seconds, when the ship is moving ahead at a speed of 18 knots.

Another of the marvels of this ship is its large electric refrigeration system, which supplies refrigeration to 60,000 cubic feet of cool air space and to 40,000 cubic feet of frozen-cargo space. The cool air space will be used principally for the conveying of California fruits. The compressing and pumping equipment for this system will be operated by G-E motors.

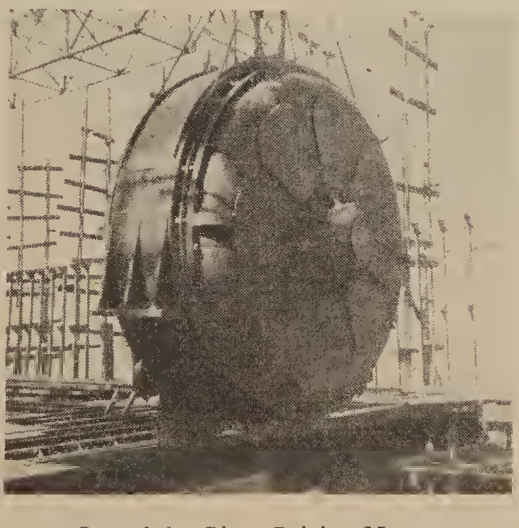
This ship is completely equipped with elevators for both passengers and engine-room force, all of which are enclosed in fireproof steel wells.

The plan of the *California's* freight-handling equipment has been worked out especially to meet the conditions of intercoastal trade. In the side of the hull, below the main deck, are 18 cargo ports, which will be used for handling both package freight and automobiles. There are also four ports for stores and two large passenger ports communicating with the reception foyer.

The deck handling gear will consist of 18 winches, driven by G-E motors, which will be used, among other uses, for handling the 12 booms, six of which are on the fore mast and six of which are on the main mast. Other decks will also be plentifully supplied with winches, all G-E electrically driven.

A complete description of the electrical equipment for this ship would require many pages, but that which has already been briefly described will give an idea of the important and varied uses to which electricity has been put.

The result of this thorough adaptation of electricity to shipboard uses is that a new standard of luxury and efficiency in ship operation has been set. Everywhere about the boat, in the most luxurious cabin and in the depths of the hold, electricity is playing its part in making ocean travel worthy of the electrical age in which we live. The contrast between the *California* and the clipper ships which were considered the height of luxury a short hundred years ago, is nothing short of amazing. And we of General Electric have every reason to be proud of the part which we have played in making this achievement possible.



One of the Giant Driving Motors

## Orders Received Drop Slightly

ORDERS received by the General Electric Company during the year 1927 amounted to $309,784,623 compared with $327,400,207 for 1926, a decrease of 5 per cent, President Gerard Swope announced today.

For the three months ended December 31st, orders amounted to $76,708,532 compared with $80,406,570 for the final quarter of 1926, also a decrease of 5 per cent.

Sales billed and earnings for the year will be announced in the latter part of March, when the annual report of the Company is published.

## Electric Fan Has Many Winter Uses[1]

MANY people put away their electric fans when they take down their flyscreens in the autumn. This is a mistake, says the New York State Committee on Public Utility Information, since the electric fan has many winter uses. It will:

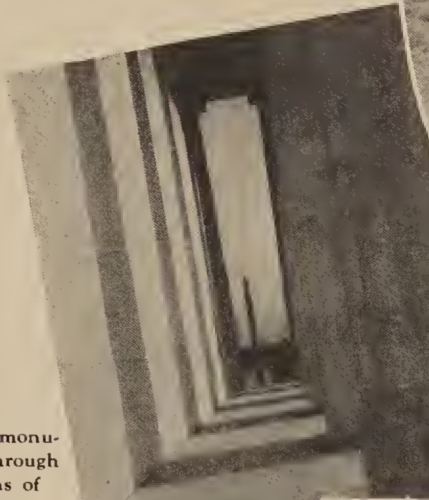
1. Dry wet shoes and stockings quickly.
2. Distribute heat through room by air current.
3. Dehydrate fruits and vegetables.
4. Cool fresh cake or pies.
5. Remove dampness from clothes after ironing.
6. Supply draft to speed up furnace fire.
7. Vitalize air in room if window must be shut.
8. Blow air into clothes closet to prevent moisture and discourage moths.
9. Dry freshly painted furniture and varnished floors.
10. Dry laundry on rainy wash-days.
11. Dry hair after washing.
12. Dry kodak films.

# The G-E Newsreel

Sentinels of civilization, these electric transmission towers stretch in an unbroken line across the California desert

Last view of the New England flood. This is what remained of one of the dams that gave way

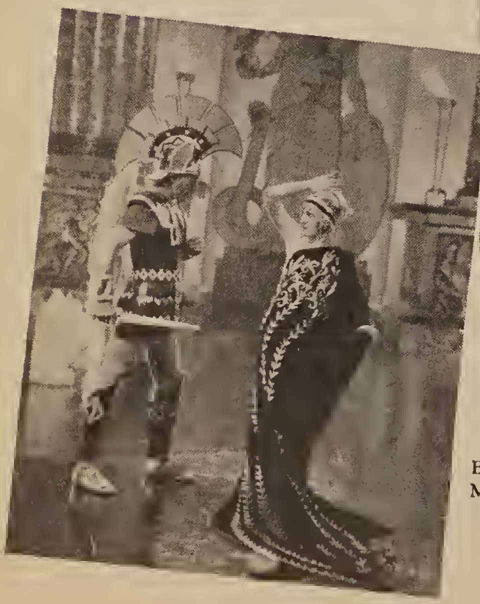
The Rockies were thoroughly explored by President Swope last summer, during his vacation



Washington monument, seen through the columns of the Lincoln Memorial

High pressure diaphragm line-up of a 94,000-kw. steam turbine—just another sample of fine workmanship

G-E motors supply all the "push" in this new Diesel-electric tanker



Electric lights make good movies. Maria Corda, "Helen of Troy," about to be stabbed in the ribs by Lewis Stone

This G-E Refrigerator, on display at Atlantic City, still maintains a chilly exterior in spite of its fair attendant

# Around the World with General Electric

414786

### Washington

The scouting cruisers which are now being built by the United States Navy are of an entirely new design. This is directly traceable to the 1921 Limitation of Arms Conference, when it was agreed that while the treaty holds, no cruisers of more than 10,000 tons displacement may be built. The result is that naval designers are making the best use of every possible pound allowed, so as to give the longest possible cruising range, the highest speed, and the greatest efficiency in every way. General Electric has developed a special turbine-generating equipment for use in six cruisers now being built.

### Illinois

A 15-cubic yard electric "steam" shovel, to be used in the mining of coal, will shortly be built and put into use in southern Illinois. This enormous shovel, which will be built by the Marion Steam Shovel Co., will be operated entirely by General Electric motors. One scoop of dirt dug by this shovel will leave a hole 7 by 7 by 8 feet—a hole as large as the ordinary bathroom. It will pick up enough coal at one bite to supply the average family for one year. Sturdy electrical equipment is needed on a job like this.

### Florida

Florida is an enterprising state. This enterprising character is well illustrated in some of the corn fields around the city of St. Petersburg, which are elaborately lighted with the latest G-E street lighting units. Why? Because the people around St. Petersburg know that before long these corn fields will be thriving residential districts. When this happens, the street lights will be right on hand to greet the new residents.

### Japan

To repair the damage caused by an earthquake of a few minutes' duration, two or three years are often required. The results of the earthquake which visited Yokohama about four years ago are still in evidence. The municipal government of this city has just placed an order for 80 G-E motors and 42 complete sets of air-brake equipment to replace some old railway equipment and supplement some that was salvaged from the wreckage. G-E quality has been responsible for many sales in Japan, where electrical equipment receives very hard service.

### Hawaii

In the land which is known best as the home of the ukulele, the hula dancer, and the pineapple, the "electrical revolution" makes steady headway. The plantations of the Hawaiian Islands are being electrified more and more each year. The managers have learned that in pumping water for irrigation electrically-driven pumps are very efficient, and also that individual electrical drive on the various units in the sugar mills is not only more convenient but more reliable and economical in every way. A great deal of General Electric equipment goes to Hawaii to speed up work and make life easier.

### Brazil

Even the regrets of the losing candidates and parties were lightened when the new government officials were installed recently in the state of Rio de Janeiro, Brazil. This was done with the help of an elaborate illuminating equipment made by General Electric. Several types of reflectors, projectors, and beacons were used. The commercial value of our G-E lighting equipment is enhanced by the fact that it is beautiful as well as useful.

### Cuba

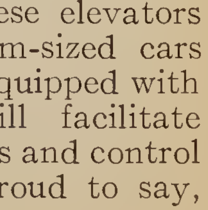
Cuba is increasing its facilities for handling the steadily growing demand for electrical service. The Havana Railway Electric Light and Power Company has just ordered a large number of G-E transformers to supplement its present electrical equipment and to give better service to its customers. It is this spirit of service that makes these companies grow and in turn requires more General Electric equipment. But G-E equipment wouldn't be wanted if it weren't the best obtainable.

### Wisconsin

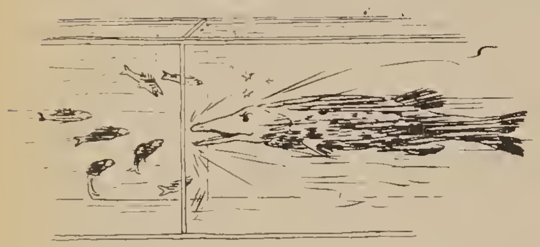
A Wisconsin farmer owns a 1-horsepower General Electric motor, which he had been using for a long time to drive a milking machine. He found that his work would be much easier if he could mount the motor on the ceiling, completely out of the way. So he did. Fifteen months later a G-E man visited the place, and noticed that the motor was installed upside down. But he found that the oil cups had not been turned around, with the result that the motor had received no oil at all during its fifteen months of faithful service. Quite a test of G-E quality!

### California

A skyscraper garage, 13 stories high, is being built in Los Angeles. The novel features of this garage are the economical use of floor space, the specially designed equipment for handling cars, and the attractive architecture of the building. There will be three elevators to carry the cars to and from the upper levels. These elevators will carry two medium-sized cars at one time, and are equipped with turntables which will facilitate handling. Their motors and control equipment, we are proud to say, will bear the G-E monogram.



# What We're Thinking About



## It Got Into the Habit

A FISHERMAN with an experimental turn of mind went out (during the season, of course) and caught a large pike. But he didn't care for the flavor of pike, so he took it home alive and put it in a large tank. Then, just to see what would happen, he put a glass partition down the middle of the tank. Then he put some minnows, bought originally for bait, on the other side of the transparent partition.

Pike have a fondness for minnows. They are as crazy about minnows as many people are about ice cream. So this one bumped his nose against that glass partition, trying to get at the minnows, for six solid weeks before he finally realized that they couldn't be reached. Then at last, discouraged and weary of life, he stopped altogether and went into a corner and sulked.

Then his master, the experimental fisherman, removed the glass partition, giving the pike free access to the minnows. Did the pike lunge over to them? No. From that day to this he has never left his side of the tank. He learned his lesson, and he learned it so well that he can't seem to unlearn it again. If this sounds too much like a fish story, try it with a fish of your own some time.

Men are something like the pike in their ability to get habits. It sometimes takes them a long time to learn a lesson, but once it is learned it is pretty apt to stick.

Take G-E men for instance. When some first come into a G-E shop it may be that they are careless, and do a careless job. And it may take them some time to learn the G-E way of doing things.

But presently, without anybody's telling them so, they begin to realize that General Electric men are after quality, and that nothing else gets by. They learn that the reputation of General Electric is based largely on quality. They learn that the enormous volume of G-E business is due very largely to the ability of our equipment to stand up when there is every reason to expect failure.

Why is it that the things we make survive floods, tornadoes, fires and earthquakes? Design, of course, is important. But let us not forget that a motor or a switchboard of the very best design will be no good if it is not well and carefully made. G-E men know that our business—and therefore our livelihood—depends on the excellence of G-E workmanship. So they have developed the quality habit.

## Silk Stocking Swindlers

A YOUNG man of engaging countenance and winning manner recently descended upon a girls' college. He posed as a salesman selling "Gold Stripe" silk hosiery, and from more than 500 girls, in sororities and dormitories, he collected $1.55 apiece, on the pretext that the stockings would be shipped to them shortly. The hosiery was never delivered. It was learned later that the Gotham Silk Hosiery Company, maker of the "Gold Stripe" brand, employs no traveling salesmen and does not sell direct to the consumer under any circumstances.

The National Better Business Bureau, which investigated this case, also reports the activity of questionable hosiery solicitors among young women working in factories and offices in various parts of the country. Some of these salesmen use a deceptive contract, since it has been found that girls seldom read the order which they sign. Others sell imperfect stockings, known to the trade as "seconds," under the pretext that they are of first quality.

Good values in silk hosiery can be purchased with confidence from vendors of known reliability. When "bargains" are offered by unknown sellers, it is best to establish the essential facts in the matter before making a purchase. Reliable sellers are always willing to give full information about their merchandise or agents.

The silk hosiery "game" represents just one of hundreds of ways in which the public is constantly being fooled, in its effort to get something for as close to nothing as possible. Millions of dollars a year are lost in the United States by persons who are too easily fooled by some glib salesman's line. Fraudulent oil stock schemes, "suit clubs," dishonest real estate transactions, and a host of other transactions in which most people are liable to become involved at one time or another, all take their annual toll of loss. This loss may be traced directly, in most cases, to the failure of persons to investigate thoroughly before parting with their hard-earned money.

Occasionally it happens that General Electric employees are taken in by schemes of this character, and an effort is being made to investigate all of those which come to the notice of G-E people. Any who have been victims of fraudulent "games," or who know of such cases, are therefore asked to communicate with the editor, in order that the matter may be looked into.

# One of Our Quarter Century Men

To have been a member of the General Electric organization for a third of a century is in itself a distinction. It is plain proof of work well done and obligations faithfully discharged.

When one has been not merely a member, but a director of it, for that length of time, the distinction is correspondingly greater.

It was in 1895 that George Peabody Gardner became a director of the General Electric Company, which at that time had just been formed through a consolidation of the Thomson-Houston Electric Company and the Edison General Electric Company.

Lest it be thought that to be a director was merely a position of honor and authority, it is well to recall that it meant real work and the focussing of some of the best financial talent of the country on the Company's problems.

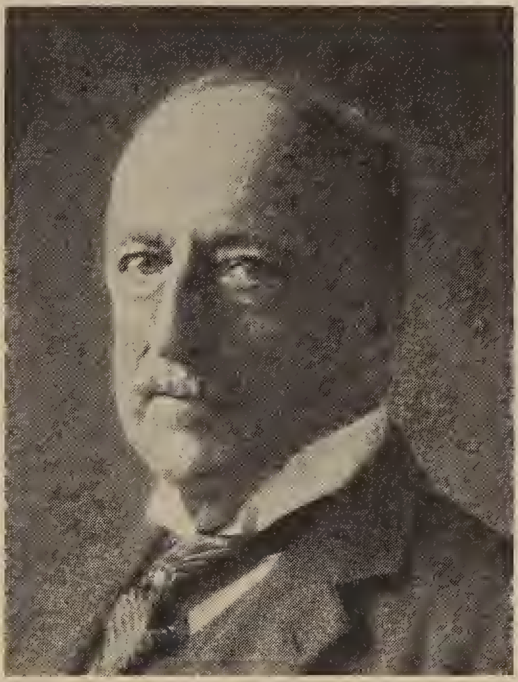
No eager market was awaiting for the products of the General Electric factories in 1895, for this was at the very beginning of the "age of electricity", before the demand had been created. Everything lay in the future; and to develop the possibilities of this wonderful new electrical art, in short, to make this world of ours an electrical world, was the task which General Electric faced. That the Company grew steadily stronger was due to the courage, vision and faith of the men who guided its destinies—the directors, including Mr. Gardner.

Mr. Gardner was born in Boston, November 19, 1855, the son of George Augustus and Eliza Endicott (Peabody) Gardner—names which make clear the sturdy, able, and dauntless New England stock from which he is descended.

He attended Harvard, from which he was graduated in 1877, in the same class with A. Lawrence Lowell, now president of the University. He immediately entered upon a business career, which has been eminently successful, as the list of enterprises in which he is interested indicates.

Before his college days and for some years after beginning his business career, he traveled quite extensively in Europe.

In 1893 he was asked to become a member of the Board of Directors of our Company, with Mr. Paine and Mr. Abbott. This was at a time when, he modestly explains, "the Company's worst troubles were over". The invitation was not due to personal affiliations with other members of the Board, but was the result, apparently, of his reputation as an exceedingly able business man. He declined it, however, because it involved a great deal of special work which he did not at the time feel able to undertake. Two years later he accepted election to the Board, and has served continuously since.


George Peabody Gardner

The variety of Mr. Gardner's interests is enormous. In addition to being a director of our Company, he holds the following positions: director, and member executive committe, American Telephone and Telegraph Co.; trustee, Amoskeag Co.; director, Champion Copper Co.; vice president and director, Chicago Junction Railways and Union Stock Yards Co.; president and member executive committee and board of managers, Children's Hospital; vice president and director, Douglas Copper Co.; president and director, Great Falls Mfg. Co.; vice president and director, Houghton Copper Co.; director, International G-E Co.; director, Los Angeles Stock Yards; president, member board of managers and executive committee, Mass. Eye and Ear Infirmary; director, Mass. Hospital Life Insurance Co.; director, Mayflower-Old Colony Copper Co.; vice president and trustee, Museum of Fine Arts; director, Old Colony R.R. Co.; director, Old Colony Trust Co.; president and trustee, Provident Institution for Savings; president and director, St. Mary's Canal Mineral Land Co.; director, State Street Exchange; member board of managers, Trustees of Donations to the Protestant Episcopal Church; director, Union Freight R.R.Co.

Despite this imposing array, should you look for his office, you will find no great display. It is located in a building on State Street, Boston. Access to it is through a small anteroom, where is stationed, not a small corps of secretaries and stenographers, but one confidential clerk. Beyond this is a door lettered merely "Gardner", a symbol of the man's unpretentiousness. Entry into the room bears out the impression. It is furnished simply, with a few pieces of fine old furniture, among which is a desk which has been in the Gardner family for a great many years.

Mr. Gardner is greatly interested in church and welfare work. He is senior warden of the Church of the Advent, and takes a deep personal interest in various hospitals, and his interest in welfare organizations, though unostentatious, is very strong.

His home is on Beacon Street, Boston. He has a summer home at Monument Beach, Cape Cod, and a camp in Canada, where one of his favorite pastimes is fishing. In the winter he turns for recreation to the ancient Scotch game of "curling", of which he is very fond. He is also fond of reading, one of his favorite branches of literature being biography.

Although past the age when most men retire from active work, Mr. Gardner is still to be found regularly at his desk. Unimpaired in mental and bodily vigor, he keeps steadily at the task to which his life has been devoted—the direction of some of America's greatest industrial enterprises.

# *Television!*

## *Practical Reproduction of Voice and Image by Radio is Now a Reality*

Dr. Alexanderson and His Family Enjoying Their Home Television Set

CONVINCING proof that radio home television may soon be a reality was given recently, when a group of engineers, scientists and newspaper men witnessed the first demonstration of television broadcasting ever held under home conditions. The demonstration, which was arranged by the Radio Corporation of America and General Electric, was held at Schenectady.

At three different homes in various parts of the city—those of Honorary Chairman E. W. Rice, Jr., Vice President E. W. Allen, and Dr. E. F. W. Alexanderson—grouped about the first "home television sets" ever demonstrated, those privileged to witness the demonstration saw the moving images and heard the voices of a man and woman who were several miles away in the G-E Research Laboratory.

The voices were transmitted through WGY, and the images through a short wave transmitter in the laboratory. To the observers in the homes, voice and picture were brought together again in perfect synchronization.

So lifelike were the lights and shadows reproduced from the research studios that the curl of smoke from a cigarette and the flash of an eye were transmitted by radio just as a picture unfolds on a screen.

The first home television set is of very simple construction, not unlike the familiar phonograph cabinet in size and exterior appearance. It was developed by Dr. E. F. W. Alexanderson, consulting engineer of the Radio Corporation of America and the General Electric Company, and his assistants in the laboratory.

In this instance the transmission of the moving object was made on 37.8 meters wavelength while the voice was simultaneously sent through the air on 379.5 meters, the normal wavelength of WGY. The receiver which Dr. Alexanderson used differs from the ordinary short wave receiver in that it converts the electro-magnetic wave into light instead of sound and the light becomes an image corresponding in movement to the action of artist at the transmitting end.

"While this is a historical event comparable to the early experiments in sound broadcasting, the greatest significance of the present demonstration," declared David Sarnoff, vice president and general manager of the Radio Corporation of America, "is in fact that the radio art has bridged the gap between the laboratory and the home. Television has been demonstrated both in this country and abroad prior to this event, but it did not seem possible within so short a time to so simplify the elaborate and costly apparatus for television reception, that the first step might be taken towards the development of television receivers for the home.

The Transmitting End—Her Voice and Picture are Perfectly Reproduced Three Miles Away

"With all that has been accomplished there are still many experimental stages to be traveled before a practical television service can be established. The first step contemplated is the placing of laboratory models of the present television receiver at central and strategically located points so that with the aid of technically trained observers, future experiments may be continued, not only in the reception of, but in the simultaneous transmission of both sight and sound.

"Sound broadcasting has now developed to an art and industry of world-wide scope and significance. The television receiver as at present developed will supplement and not replace the modern radio receiving sets in the home. Broadcasting television, it seems clear, will develop along parallel lines with broadcasting of sound so that eventually not only sound but also sight through radio broadcasting will be available to every home."

The elements of the television home receiver are a light source, the scanning device and the synchronizing system. The signal, or electro-magnetic wave from the television transmitter, is received in equipment designed to receive modulations as high as 40,000 cycles. The amplifier is substantially the same as the amplifier of the home loud speaker. The receiving system differs from a modern loud speaker system in that a neon gas filled lamp is substituted for the loud speaker. The amplifier current is delivered to this lamp, known as the Moore lamp, which responds to the intensities of the current and gives fluctuations of the light intensity just as a diaphragm of the speaker reproduces pulsations of the air waves.

The scanning disk is 24 inches in diameter with 48 small holes, each hole 35 mils in diameter and arranged in a spiral so that each of the 48 holes will pass each other and trace successive lines of the picture, completing or literally painting a picture in one revolution. In other words, if the disk were revolved very slowly a ray of light through successive holes would trace over the entire object. The disk is revolved by a standard motor, similar to those used in household devices such as the washing machine or vacuum cleaner. The revolutions occur at a speed of 18 per second, slightly faster than a film passes through a motion picture camera. An observer, looking at this revolving disk as the light from the Moore lamp shines through these small holes, would see the image being sent by radio but this picture would be but 1½ inches square.

THE "INNARDS"
One look at the mechanism is proof enough of its simplicity

Magnifying lenses enlarge the picture twice so that it is 3 inches square in the aperture in the front of the receiver cabinet.

Synchronization of the scanning disk of the receiver with the scanning disk of the transmitter is obtained by manually-operated control, a push button held in the hand. By means of this button, of the bell-ringing type, the picture may be held in the field of vision with a little practice, as naturally, after a time, as driving an automobile or steering a bicycle.

The reproduced picture or object has a pink color, which is characteristic of the neon gas used in the lamp. D. McFarlan Moore, inventor of the lamp and an engineer at the Edison Lamp Works, found in early work that this gas was most efficient and most sensitive for reproducing a light which will go on and off in a millionth part of a second.

**There Is Always a Better Way**

**SUGGEST!**

The transmission system is of the type using a disk with spiral holes, a duplicate of the disk in the receiving machine. A spot of light is projected on the object through the moving disk and the reflection of this light is intercepted by photoelectric cell, which converts the light to electric waves, ready for the short wave transmitter.

## Patents Granted

SINCE the last issue of the Works News the following employees of the General Electric Company have been granted patents by the United States Government:

*Schenectady:* Ludvig S. Walle, centrifugal mechanisms for electric switches and other apparatus; Max A. Whiting, automatic control equipments; Gordon R. McDonald, automatic control equipments; Ernst F. W. Alexanderson, voltage regulators; Charles F. Bateholts, talking-motion-picture apparatus; Frank A. Byles, electric regulators; Edward M. Hewlett, inductance coils; Max A. Whiting, automatic substation control equipment; Charles A. Hoxie, signaling apparatus; William K. Kearsley, Jr., electron-discharge apparatus; Fred H. Winter, relays; David C. Prince, vacuum-tube circuits; Louis W. Thompson, regulators; Edwin W. Allen, control apparatus; Edward W. Kellogg, (2), vacuum-tube circuits; Albert H. Mittag, (3), regulators; regulation of electrical circuits, and power-control apparatus; Ernst F. W. Alexanderson and Albert Mittag, (3), control of electric power, speed control system, control of electric power; Ernst F. W. Alexanderson, (5), regulating systems, locomotive control, power-factor control systems, regulating apparatus, speed-control systems; Russell A. Warner, frequency changers; Paul R. Fortin, water-spray insulators; Goodwin H. Howe, treatment of metals; Albert W. Hull, (2), regulators, electron-discharge apparatus; Floyd C. Kelley, joining metals.

*Pittsfield:* Eugene D. Eby, (2), chambered diaphragms, high potential cable joints and methods of installation; Ivanhoe H. Sclater, transformers; Archibald C. T. Isaac, fluid-flow indicators.

*Lynn:* Reginald G. Standerwick, the suspension of pistons and the like; Ralph M. Rowell, telemetric summation systems; Clarence W. Mansur, non-metallic gears.

*Cleveland:* John T. Fagan, stem-making machines; John T. Fagan and Ludwig Staudenmeir, stem-making machines; Roscoe G. Phelps and Ludwig Staudenmeir, machines for treating hollow glass articles.

*Newark:* Michael E. McGowan, mount-making machines.

*Baltimore:* Nicholas J. McMahon, skids.

# Quality is What Counts!

## *Old-fashioned Craftsmanship Lies Behind the Good Reputation of G-E Products*

ABOUT 17 years ago the state of California installed a General Electric d-c., motor-driven, Type CP compressor in the state capitol at Sacramento, to furnish air for the operation of the elevator doors. It has been in continuous use all through these years, but not a single repair charge is on record, and the mechanics have had but one evidence of its existence during that time—the fact that air at the proper pressure has always been available.

It recently became advisable to buy a stand-by unit. Bids were called for, and, as is the case with much state business, indications were that price would be the deciding factor. Two companies besides General Electric presented bids, both of the bids being considerably less than ours. The units with which ours were competing were both made by reputable companies, and would meet the state's requirements as to the service and capacity rating called for in the specifications.

However, the G-E representative pointed to the record of the veteran CP compressor which General Electric had installed in the building 17 years before. He also showed that the General Electric bid, though considerably higher than either of the others, covered a much more complete equipment. Our pressure governor was of the type used successfully for years in electric traction work. Other items were also included, such as intake strainer, incoming line switch, contactor with thermal overload relay, safety valve, cutout cock, unloader, and dirt collector. These items were to be completely assembled, and the purchaser had merely to connect electric and air lines to the unit for operation.

The G-E compressor was the one chosen. Soon that CP compressor will have a companion in the basement which also wears the G-E monogram.

This is one of thousands of cases in which General Electric equipment was sold because of its known high quality. General Electric has, from the first day a lathe was turned in its shops, stood for the highest quality which the combination of good engineering and skilled workmanship could produce. Every day, now, each one of us is benefiting by this policy, since a customer who thinks highly of G-E quality thinks of G-E first when he wants to buy more electrical equipment.

Here's another case:

The Cleveland G-E office recently received a telephone call from a woman who inquired under what trade name General Electric sells its washing machine.

She was told that there is no G-E washing machine, but that G-E motors are used on a number of makes.

"What kind would you recommend, then?" she asked.

"Well," said the man who answered the phone, "any washing machine that carries a G-E motor will give good service."

The woman thanked him, and assured him that she would buy no washing machine which did not have a G-E motor.

"I bought an electric iron 18 years ago," she said, "and it still gives me good service. And I bought a vacuum cleaner six years ago, that still gets the rugs clean. So, you see, I would really prefer a washing machine with a G-E motor."

Here's another:

In Birmingham, Ala., recently, the plant of a large lumber company was almost entirely rebuilt. During the rebuilding it was necessary to move to a new location a 20-horsepower G-E motor which the plant had been using for six years. It had been impossible to clean the motor in its old location, so that the moving offered the first opportunity in six years for a thorough cleaning.

"About a gallon of road dust, a few rats' nests and some eight or ten mud wasps' nests were removed," writes one of the officials of the lumber company, "after which the windings were minutely inspected. They were found to be in absolutely perfect condition, *and no trace of oil at either end of the windings*. It was impossible to detect any wear whatever in the original bearings, and these were not disturbed. This motor is now handling a load for which a competitor recommends their motor of 40-hp. rating.

"Now this record may sound a little out of reason," he concludes, "but seeing is believing, and we shall be glad to show this motor to anyone who may care to examine it."

The amazing performance of this motor may be traced directly back to the G-E shops. Its behavior is due directly to the men who made it, who put sincere and intelligent labor into it, fashioning it well because they loved to do good work.

The men who made this particular motor will never be known. They do not know themselves that they are the men who made it. But when they made it so well they were doing a service of fundamental importance to themselves as well as to the Company. The good behavior of each motor which they have built well brings concrete returns in the form of more orders—orders from persons who are convinced that General Electric builds the best motors obtainable.

The Company's position as a leading electrical manufacturer and its ability to offer steady employment depends directly upon the quality of the work done in the shops. Good work in the shops—satisfied customers—more business—then more work in the shops. That's the magic circle that spells prosperity for General Electric and its family of 70,000 workers.

## Rating Plan for Safety Contest Changed

THE Inter-Works Safety Contest will be rated on a new basis in the future. The various Works are placed in two divisions, instead of three. Decrease or increase in accident rate may be seen from their respective positions in the list. The factory with the lowest combined frequency and severity rate during 1927 is placed at the top of Division 1. The frequency rate is equal to the number of lost-time accidents per 100 full-time employees. The accident severity rate is equal to days time lost per 1000 hours worked. These two rates are multiplied to give the plant rating. The rest of the plants follow in order on this basis, those with the best records being in Division 1, while those with a higher rate following in Division 2.

Each month the order of standing will be shown, but at the end of six months, any first division plant or plants which has a higher rate than the leading plant or plants of the second division will be dropped to the second division and the leading second division plant or plants will be raised to the first division. Although the list gives the order of the plants as they now stand, the differences are not great; in many cases the differences are fractional. Following are the present standings:

| DIVISION 1 | DIVISION 2 |
|---|---|
| York | New Kensington |
| Philadelphia | Erie |
| West Lynn | Baltimore |
| Bloomfield | ALL PLANTS (Ave.) |
| Bridgeport | River Works |
| Oakland | Pittsfield |
| Fort Wayne | Schenectady |

## Don't Wonder! Find Out!

A suggestion will either get it done, or show you why not.

## Steel "Wool"

WHAT do you know about steel "wool"? Manufacturers in the United States produce 3000 tons of this much-abused but important product every year, about half of which is used in kitchens for cleaning pots and pans. The other half is used in American industries. Yet, in spite of the enormous quantities used, few people know how it is made. Following are a few facts about it, taken from *Mechanical Engineering:*

Steel wool is made by dragging multiple wires past multiple knives. Single shavings 100,000 feet long, or about 19 miles, have been made. They would make the pet shaving usually to be found in every machine shop look like a chip.

Steel wool is not hit or miss production, the wastage of other manufacturing processes, as many people suppose. It is made according to specifications in nine grades ranging from 0.0018 inch to 0.005 inch in diameter, and with from three to six sharp edges. The steel stock from which it is made must meet rigid chemical and physical requirements and the product "must not show saw teeth, spirals or whorls" under 50 diameters magnification.

Up to 1926 machines having from six to fifteen knives produced three to four pounds per hour. An improved type of machine has 574 knives and the wire stock makes 56 passes over two drums 4 feet in diameter by 7-foot face—both power driven. The latest machine has five or six large grooved wheels arranged in tandem with cutters so arranged that 2000 cuts are taken from 2000 points on the same wire at the same time. The wire is No. 12 gauge and is wrapped so tightly on the wheels that it is virtually a part of the wheel so far as the machining operation is concerned. Air jets are required to get the "wool" away from the tools.

## "Sailing, Sailing . . ."

J. R. JOHNSON, a member of our Company's Contract Service Department, stays home less than almost any other employee of the Company. His job is to travel about the world, helping to install G-E equipment.

"I sat down a few nights ago," he says in a recent letter," and computed from my diary the distance I have traveled since I went on construction work, four and one-half years ago.

"Among other things, the following facts, which may be of interest, emerged:

"Total distance covered, 60,000 miles.

"One trip around the world.

"Visited 12 countries.

"Crossed the Atlantic three times and the Pacific once.

"Crossed the equator seven times.

"The temperature has varied from 40 deg. below zero to 120 deg. in the shade.

"On construction work I have worked with men of many nationalities and all shades of color."

Folks that never do any more than they get paid for, never get paid for any more than they do.

—ELBERT HUBBARD.

# What is Correct Posture?

## *It Isn't Hard to Achieve if You'll Follow a Few Simple Rules*

By H. W. Garton, M.D.

*Maisie may know her mashed potatoes, but she hasn't got any more posture than a collapsible drinking cup.*

*Good Posture is an asset*
*Which very few possess,*
*Sad to relate the favored ones*
*Seem to be growing less.*

*If you would cut a figure,*
*In business, sport or school,*
*Just mind the Posture Precepts,*
*Obey the Posture Rule.*

*Don't thrust your head out turtlewise,*
*Don't hunch your shoulders so,*
*Don't sag and drag yourself around,*
*No style to that you know.*

IN an article last month I attempted to emphasize certain points in regard to posture—namely, that exercises, gymnastics and games constitute only a part of physical education; that proper body mechanics should come before all of these; that without good body mechanics, the various forms of physical exercise may not only be without benefit, but may actually be harmful.

How can proper posture add to the well being of the worker in industry? One of the great enemies of the industrial worker is fatigue. Fatigue adds to the worker's discomfort, cuts down his production during certain periods of the day, and interferes with manual dexterity and mental alertness. There is no one accurate method of measuring fatigue, and there are many factors that contribute to its production. But obviously a perfectly balanced, smoothly operating human machine can do more work with less effort, and therefore with less fatigue, than one that is hampered by the abnormal stresses and strains of poorly balanced muscles. Improper body mechanics, therefore, contributes to fatigue.

The formula for correct posture is so simple that it is almost universally ignored as being commonplace. It is sometimes possible to describe a thing best by telling what it is *not*. Nearly everyone is familiar with the pose of a cigarette-smoking model or flapper heroine, outfitted with all the latest accoutrements of femininity, as featured in some of the fashion plates and most of the zippy story magazines. She is ultra-thin and her lines are chiefly curves; by some mystery of contortion she succeeds in coupling herself up (or down) to a height of about four inches less than nature intended her to be; she seems to have buckled amidships, much as a double-jointed South Bend bait would do if, while held upright, pressure were applied to both ends. She might be labelled a human question mark. Her chief function is to display the latest wares from Paris and make her sisters covet them, but she unwittingly performs another service, which is obvious but not generally recognized—she is a perfect example of what correct posture is *not!* Poor posture does not merely mean round shoulders, nor is one practicing correct posture when he is so straight he leans backward. Both these attitudes imply muscular unbalance and both are therefore improper.

In contrast to the above example consider the West Pointer. His outstanding characteristic is his carriage; he has been taught how to stand, walk and sit properly. The result is so striking that he has become the pride of the nation. The lesson he has learned is simple in its fundamental principles, but it has been acquired by perseverance to the point of habit. It is not necessary to learn anatomical points and lines in order to acquire the posture of the West Pointer. He has simply learned to "stand tall, with head up, chin in, chest high, abdomen flat, weight on balls of feet"—and that, as summed up by leading authorities, is a brief description of correct standing posture. The formula may be still further simplified: *if, in the standing position, you make yourself as tall as possible without rising on the toes, you automatically approach correct standing position.*

The seventy-year-old, perfectly erect man is an object of special attention because of his rarity; yet he might just as well be as common a figure as his stooped brethren, for it is possible to grow old gracefully in body as well as in mind and spirit. There may be some excuses for the burdens of life warping our dispositions, but not our postures. It is true that joints become less flexible and rigidity sets in as age advances, but the shape in which one finds himself molded in old age will be a reflection of his posture during the years when these changes are taking place. It is also true that training for correct posture should begin in childhood; but it is hoped that none of our readers are so far gone that at least a degree of salvaging may not be possible.

*Doctor Garton feels that there is a time for all things, and a place for all things. And it is his considered opinion that the time for poor posture is* Never, *and the place for poor posture is* Nowhere. *In a future article he will tell just what the penalties of poor posture are.*

# GIRLS' SECTION

## Elex Club News

ELEX Club regular meetings since the first of the year have been a source of enjoyment to a number of girls. At the January 11th meeting, after the delicious cafeteria supper, the girls trooped up to Bldg. 16-2 where the following program was presented: John Beck, a piano pupil of Leah Cohen-Malay, played "Valse Chromatique," "Columbine," "Etude in A Flat" and "Country Gardens." Lela Hagan, violin pupil of Emile Bouillet, entertained with two numbers, "Danse Espagnol" and "Marcheta." Shirley Sykes, little pupil of Frances M. Long, gave musical readings in costume. Her numbers were "The Minuet" and "The Piano." Frances M. Long delightfully presented the selections "Moses" by Hershel and "Encouragement" by Dunbar. Hilda Coll, voice and piano pupil of Leah Cohen-Malay, sang "Songs My Mother Sang" and "April Fool." She also accompanied Lela Hagan, Shirley Sykes and Frances Long in their selections. The program, though short, was full of pep and everyone enjoyed it very much.

At the next regular meeting on January 18th, supper came first, as usual, and was followed by a social hour during which the girls played bunco. Rena Reinoehl and Lucile Ringenberg, who was a guest of the club, captured the prizes. After the bunco games were over, a health talk was given by Irene Whitehead. The regular classes then were held.

The big social event for January was the roller skating party for Elex members and their friends, held on January 31st at Bell's skating rink on the Lincoln highway east of the city. G-E trucks left the G-E and also the corner of Washington and Clinton streets at 7:30 p.m., to carry the girls out to the rink. Plans were made for bingo games, refreshments, and dancing.

The big event for February will be the annual Federation banquet, to be held this year at the Y.W.C.A. on February 22nd. Elaborate plans are being made for an interesting program to follow the dinner. Our Elex girls are now practicing songs and yells so as to be able to contribute their share of the "pep" that always characterizes these annual banquets. Tickets are $1.00 and can be purchased from the Social Committee girls.

## Elida Fries Entertains

ELIDA FRIES, Bldg. 26-5, entertained a number of her friends at an informal party given at her home, 921 Cottage Ave., on the evening of January 7th. At first the guests were engaged in solving contests, and later played the game of "hearts." Hilda Hoeltje, Rita Valentine and Mrs. Martin L. Schramm winning the lovely prizes. A delicious luncheon was served. Then a Ouija Board was brought out and a number of important questions were answered for the girls.

Rita Valentine, Mrs. Martin L. Schramm, Mrs. V. Beecher, Emma Reiling, Tilly Reiling, LaVera Vail, Irene Whitehead, Adeline Grossman, Hilda Hoeltje and Mabel Liggett were the guests at this enjoyable party.

## Birthday Party

AS January 2nd was the birthday of Florence Beneke, a group of her co-workers in the Apparatus Dept., Bldg. 19-2, surprised her by calling at her home. Florence has been away from work for some time because of illness, so she was very glad to see the girls. Bertha Heckler, Dewey Wickliffe, Edna Etzler, Gladys McMillan and Viola Haggerty made up the party.

## Magdalen Welch Entertains

MAGDALEN WELCH entertained the girls of the Fractional HP. Motor Engineering Office, Bldg. 18-4, at a Christmas party at her home, 2708 Hoagland Ave., on December 20th. Tables were arranged and everyone played bridge, the prizes going to Hildegarde Hormel and Faye Johnston.

A miniature Christmas tree, with a tall red candle standing guard on each side, formed the center piece in the dining room. The girls found their places around the table by means of clever place cards. A luncheon was served, the second course being ice cream candles and little poinsettia cakes. After the lunch Christmas gifts were exchanged by the girls.

Clara Ankenbruck, Mabel Kroemer, Mabel Wyss, Faye Johnston, Connie Daily, Loretta Krauhs, Mrs. Wilma Schramm and Hildegarde Hormel were there.

## Farewell and Birthday Party

THURSDAY noon, December 29th, the girls of the Armature Winding Section of the Apparatus Dept., Bldg. 19-2, gave a joint farewell and birthday dinner honoring respectively Mrs. Lillian Garrett and Mrs. Lillian Rohloff. Mrs. Garrett left the Company the same week to take up her home duties. At the close of the. dinner the girls presented both Mrs Garrett and Mrs. Rohloff with lovely gifts.

Those present were Charlotte Beaty, Edna Etzler, Mable Spencer, Viola Haggerty, Bertha Heckler, Dewey Wickliffe, Ireta Erwin, Bertha Heller, Dorothy Schuster, Mary McKenzie, Fern Rutledge, Gladys McMillan and the two honor guests.

## Corrine Schreiner Entertains

CORRINE SCHREINER entertained the members of T.N.T. Club at her home, 2144 Miner Street on January 9th. This club is composed of girls working in various departments at the Broadway plant. The evening was spent playing bunco, Ireta Erwin, Dewey Wickliffe and Viola Haggerty winning the prizes. Later in the evening a delicious luncheon was served.

Those present were Bertha Heckler, Dewey Wickliffe, Viola Haggerty, Ireta Erwin, Gladys McMillan, Edith Schreiner and Corrinne Schreiner. Edna Etzler will be the hostess for the next meeting of the club.

# Weddings

### Chaney-Ehrhart
### Sours-Dinius

Joyous Ehrhart and Kenneth Chaney; Ethel Dinius and Roy Sours, were participants in a double wedding ceremony at the First Church of Christ in South Bend, Indiana, November 14th. Rev. Elmer Ward Cole read the marriage services. Immediately following the ceremony the two young couples left on a short wedding trip, making Chicago their destination.

Mr. and Mrs. Chaney are now at home at 1300 Huestis Ave., and Mr. and Mrs. Sours are residing at 508 Fifth Street. Mrs. Chaney and Mrs. Sours are both employed in the Transformer Dept., Bldg. 26-2.

### Heffilfinger-Guillaume

Lucile Guillaume, Transformer Dept., Bldg. 26-2, and Jack Heffilfinger were married November 30th at Huntertown, by Rev. Smith. For the present the young people are making their home with Mr. Heffilfinger's parents near Huntertown.

### Leemhuis-Leeuw

Saturday evening, November 19th, marriage services were read for Marie Edith Leeuw and Bernard P. Leemhuis. The ceremony took place at the rectory of St. Mary's Catholic Church with Rev. George Hasser officiating. Ann Carlin, of Columbia City, attended Miss Leeuw as bridesmaid and Milton Augsperger, of Geneva, acted as best man. Mr. and Mrs. Leemhuis took a wedding trip to the west, stopping for a time with Mr. Leemhuis' parents in Davenport, Iowa. They are now living at 202 Master Avenue. Mrs. Leemhuis is employed in the Fractional Hp. Motor Dept. Office, Bldg. 3-3, and Mr. Leemhuis is connected with the Frank Dry Goods Company.

### Smith-Osborne

At 11 o'clock on December 21st marriage services were read for Thorneta Osborne, Blue Print Dept., Bldg. 18-5, and Henry A. Smith. The services took place in the Plymouth Congregational Church with Rev. Arthur J. Folsom performing the double ring ceremony. Ramona Kerr was bridesmaid and Chester Tuttle attended as best man. Immediately after the ceremony Mr. and Mrs. Smith left on a wedding tour, stopping in Cleveland, St. Louis and Kansas City, and spending some time in Burlington, Iowa, with Mr. Smith's parents.

Mr. Smith has recently completed his chemical engineering course at Tri-State College, Angola, where he is a member of the Beta Phi Sigma fraternity. Mrs. Smith is a member of the Eta Tau Sigma sorority. The young couple are now living on Fifth Street.

GECODE GIRLS' CHRISTMAS PARTY

*At left of fireplace—Front row, left to right:* Esther Debolt, Sadie Fisher, Luella Werst, Nora Dudgeon, Gladys Reffy, Florence Lichtenstiger. *Second row:* Martha Fisher, Iva Heller, Alma Andrews, Inez Heller, Anna Werst. *Third row:* Ethel Tumbleson, Margaret Thatcher, Mildred Bixler, Clara Egley, Olive Walters, Miriam Myers, Dora. Miller. *At right of fireplace—Seated, left to right:* Lela Reffy, Ethel Cook, Leota Burnett, Margaret Myers, Fern Passwater. *Standing:* Mary Hill (Santa Claus), Verona Snyder, Francis Girod, Opal Myers, Alta Breiner.

# Decatur Section

## Band Holds Banquet

DECATUR G-E Band held their annual banquet Thursday, December 29th, in the club rooms of the local plant. An oyster supper was prepared and served by Miles Roop, the local chef.

Following the banquet M. F. Worthman, Superintendent of Schools of Decatur, gave a talk on the origin and history of music. Col. Guy Pettit, of Kansas City, Mo., was the next speaker of the evening. His theme was Success and Organization. To be a success, in the speaker's estimation, a man should observe three rules:

Observe, remember, if worth remembering, and practice.

At a late hour the meeting broke up and the members departed to their various homes.

## News Notes

Electro-Technic Valentine dance will be held at Triers Dancing Academy on February 14th. Single admission, 50c., membership ticket admiting one couple.

* * *

On February 16th, the sixth number on the G-E Club's Lyceum course will be given at St. Paul's Hall. It will be "The Light Opera Review." Hits from the most popular of recent light operas and selections from older never-to-be-forgotten favorites are featured in the program. The company of four young ladies, accurately and picturesquely costumed for their parts, sin-and vivaciously dramatize these melodies. Single admission will be 50 cents.

* * *

Paul Weitzman was elected president of the Apprentice Alumni Association at the annual business meeting held at the Y. M. C. A. on January 18th. Mr. Weitzman succeeds Herbert Siebold, who served during the past year. Other officers elected are: Carl Schlenker, vice-president, and Raymond Kierspe, secretary-treasurer. Members of the new board of directors are Ray Bracht, William Mossman, Henry Klingenberger, and Walter Greiner. The men will take office immediately.

## Firemen Have Supper

WEDNESDAY, January 4th, the firemen of the local plant held their monthly banquet and business meeting. The menu of the evening, steak and sausage, was furnished by Cal Waite.

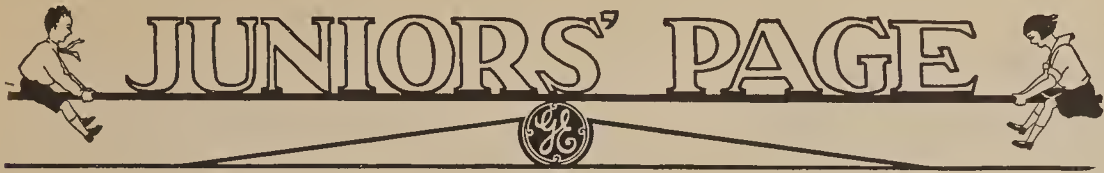
Following the supper the election of officers for the new year was held. The officers elected are: Albert Beery, president; Chas. Baxter, vice president; Sol. Lord, secretary and treasurer.

The remainder of the evening was spent playing cards and pool.

## Births

James Harry King announces the arrival of a new son, James Carl, born January 5, 1928.

# JUNIORS' PAGE



DEAR G-E JUNIORS:

This month we have another one of those "tangle" puzzles. There are three entrances to the tangle. Take a crayon or soft pencil and follow the open path made by the breaks in the lines. When you get started at the correct entrance you will find an open path all the way around until you come back to the starting point. When you trace this path with a heavy line you will draw the picture of someone whose birthday occurs in February. When you have it solved place a piece of tissue paper over the puzzle and trace the picture. Send me the picture and write the name of the great American whom it represents. Don't forget to write a little note telling us who you are so we will give you credit.

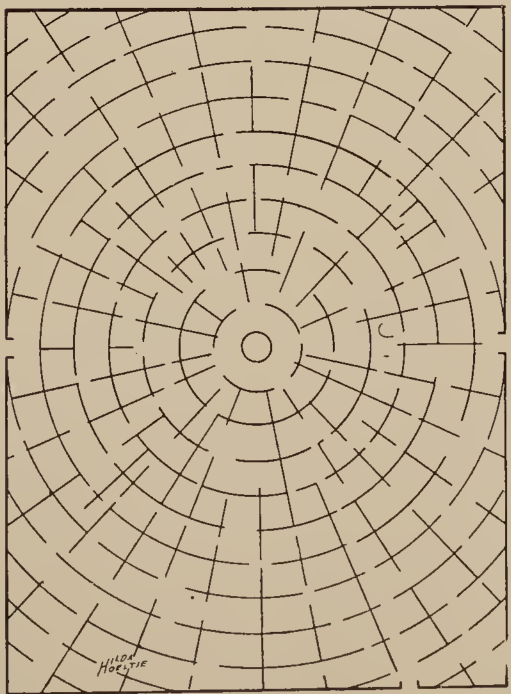
The boys and girls found 41 objects beginning with the letter "S" in last month's puzzle. They were: stick, sleeve, stockings, shoes, sack, shovel, snowman, stones, smoke, sun school, steeple, spectacles, snowball, stump, stocking-cap, sled, scarf, scallops, sole, slate, string, school-books, sponge, strap, stripes, snow, sign, seat of sled, slot, skater, stem of pipe, sports in winter, suits, stovepipe hat, spruce, sweater, squares in sweater, slope, shoulder and sun-rays.

The five prize-winners from Fort Wayne were Dorothea Eylenberg, Eileen Rose Mentzer, Herbert Meyer, Jr., Don F. Black, and Donald Akers. The two prize-winners from Decatur were Catherine Jackson and Esther Koenemann.

We also received letters from Eleen McNulty, Helen Hickman, Frances and Orval Emrick, Albert Devaux, Vernon Dove, Thelma Mills, Dortha and Ralph Crall, Mary Jane Zink, Frances Gibson, Ervin and Lucile Wedler, Florina McFeely, Alice Miller, Gladys Mosshammer, Helen Meyers, Ruth Eylenberg, Byron Isenberg, Ceceila Merkler, Dorothy Aldridge, Warren and Martha Zelt, Bonnie McSorley, Annabelle Kimmel, Raymond and Donald Holben, Dorothy Gordon, Clara Eleanor Houck, Ester Braun, LaVerne Hinton, Adell Gettys, Robert Schelper, Ruth Swank, Elberta Beal Wilt, Edna Mae Poff, Geraldine Henline, Paul Witte, Glenn Brown, Helen Henline, Donald Burnau, Germaine Rondot, Cletus Rondot, Edna and Clara Patterson, Ralph Latham, Helen Mundt, Arvilla Greuter, Glenn Juillard, Robert and Ralph Williams, Pansy Plant, Mary Jane Crankshaw, Gene Ernestine Platt, Wanda Chupp, Elda Faster, Beulah Lucile McClure, Anna Ruth Backhus, Thomas McKenzie, Francis Gibson, Velma Adams, Dorothy Jacobs, Virginia Sponhauer, Herman C. H. Schaefer, Nellie Gerber, Geraldine Welker, Alice Marie Moritz, and Bernice M. Moore, all Fort Wayne Juniors. The following are Decatur Juniors: Lawrence Hilton, Gilbert Kenneth Egly, Julia Rose Passwater, Lucille Smith, Lenora Teeple, Laura Lankenau, Kenneth Nyffeler, Ethel Gallapoo, Esther Koenemann, Mildred Hesher, Dorothy Miller and Florence and Gertrude Brandyberry. Only a few of these Juniors failed to find the required twenty-five objects beginning with the letter "S."

Geraldine Welker and Edna and Clara Patterson sent in correct answers to the December puzzle.

## "Maze" Puzzle



Start at one of the openings to the "maze" and see if you can trace the head of a famous president

We were glad to hear that so many of you like the stories on the Juuiors' Page and we very much appreciate your many good wishes for a Happy New Year. Now this is the best part of all—we had letters from 89 boys and girls last month and among these were letters from 48 who had never written to us before. We now have a club of 121 G-E Juniors for the year beginning last June. Wouldn't we be busy reading letters if all the boys and girls who have a father or a mother or other near relative working at the General Electric were to write to us? We are very much interested to hear from all such boys and girls under 13 years of age. We hope to get some letters from new ones this month. I wish I could write a letter to each one who sends me an answer to the puzzle, but that is almost impossible.

If you have a dandy kodak view of yourself, perhaps playing with one of your pets, wouldn't you like to have us print the picture on the Juniors' Page? If you will loan us your picture, perhaps we can use it.

Now February has less days than any of the other months in the year—but this year, February you know, has one more day than it usually does. We hope the month will bring us a lot more letters than we usually get. Now wouldn't that be fine?

Sincerely,

Jill

## Washington's Birthday

Long ago, in a big house beside a big river, lived a man named George Washington. Have you heard your fathers and mothers speak of him? Have you seen his picture? Today, near the place where George Washington lived, is a beautiful city named Washington. All over our land today the people love Washington. They love him because he was a good man and did so much to help our Country. Every year now when the month of February comes, we celebrate Washington's Birthday.

RALPH OWEN CRALL.

## Who Knows?

I am so very tiny—I think you'll agree—
To write a verse or make a speech, is quite too hard for me.
But Washington and Lincoln were little once, you see,
And so, perhaps, some day—who knows—President I'll be!

ALICE E. ALLEN.

Hersel Nash

Ordean Kiltie

Alfred Rondot

# Three Apprentices Graduate

IN November, Alfred Rondot completed the machinist and tool maker course in our G-E Apprentice School and received, with his diploma, the $100 bonus awarded when the student's shop work and class work have been satisfactory. Mr Rondot came here after taking two years' work on a commercial course at St. Peter's high school. Since the completion of his apprenticeship he has been working for Mr. Weitzman in the Apprentice Dept.

Ordean Kiltie, who, before he came here, had graduated from the Beltrami, Minnesota high school class 1923, and had worked one year in the First State Bank of Beltrami, finished his three years' work in the electrical tester course December 17th, and was presented, in addition to his diploma, the maximum bonus ($75) awarded to students in this course who have made good records in both class and shop work. He has been assigned to the Transformer Engineering Dept. and at present is in Schenectady doing special work for the Radio Dept.

Hersel Nash, who also completed the electrical tester course on December 17th, had as a preparation for his training here, a high school course taken at the Markle high school, and thirty-six weeks of college work. He did good work on the Apprentice course and received, with his diploma, the $75 bonus. He has been assigned to regular work in the Standardizing Dept. with B. H. Rohrbaugh, Bldg. 20-2.

The following students, thirteen in all, recently enrolled for courses in our Apprentice School. Six are taking the machinist course, six are electrical testers and one a draftsman.

Those taking the machinist and tool maker course are: George Phinney, who served for a time in the Navy; John Mercer, a graduate of South Side high school; Robert Smith, former student of North Side high school; Robert Hanson, a former student at Central high school; Maurice Fundenberg, a former student of Ithaca, N. Y., high school, and Hugh V. Knepp, a graduate of Frankfort (Ind.) high school.

The new students in the electrical tester course are Willis K. Dillman, graduate of Auburn (Ind.) high school; Frank F. Fann, graduate of Shelbyville (Ind.) high school; Edgar Leisure, graduate of LaGro (Ind.) high school; Keith E. Ross, graduate of North Manchester (Ind.) high school; Clyde Barnes, graduate of LaGro (Ind.) high school; and Karl Bezner, a graduate of Cass Technical high school of Detroit, Michigan, who came to us from the G-E Service Shop at Detroit.

Harry Braden, who selected the apprentice course in drafting, is a graduate of the South Side high school. He transferred to the Apprentice School from the Radio Dept.

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## Noon-hour Programs Continue to be Popular

DURING the period from December 13th to January 13th inclusive a number of exceptionally novel and interesting noon-hour programs have been presented to G-E employees.

On December 13th the Alliance Gospel Quintet sang negro spirituals. Evangelist B. E. Rediger and C. H. Erickson gave short talks by way of inviting people to the Winter Street Tabernacle and also concerning the need for Christ in our every-day living, whether it be at home or in the factory. It is estimated that over 300 people attended this unusual and interesting program.

For the December 16th program, John A. Craig and Ross Jordan, both of Bldg. 17-4, impersonated the "Two Black Crows," affording much amusement for the audience.

I. H. Freeman, of Bldg. 18-1, is to be congratulated upon the junior choir of the First Methodist church which he brought to the G-E on December 23rd. Mr. Freeman directs a group of seven boys and girls ranging from the ages of 6 to 16 years. Part of a cantata, which was given at the First Methodist church as a Christmas program, was presented by this choir to our employees. After lunch, the youngsters sang for the cafeteria staff, Miss Gerberding then treated them to candy canes.

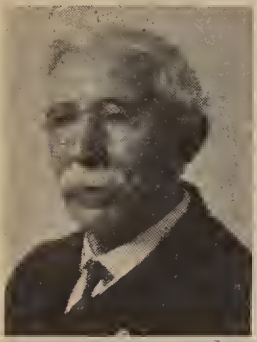
The program on January 3rd was presented by Frances Long, who entertained in her usual charming way with readings. Three boys from Central Catholic high school, Robert Waltz, Roland Fisher and Gene Shott, and Leah Cohen-Malay and her son, John, contributed instrumental music and songs.

January 5th was children's day. Children and friends of children of G-E families presented the program. Rose Mary Crowe, daughter of George Crowe, of Bldg. 19-4, gave a reading. Elsie Campbell, daughter of Carl Campbell, Bldg. 19-4, played the piano. Elsie has never had any lessons but nevertheless plays beautifully. Dorothy Baker entertained with readings and also sang with Lillian Schweizer. Lillian is only six years old but sings a real alto. The girls were accompanied by Viola Schweizer. Viola and Lillian are daughters of C. A. Schweizer, Bldg. 18-2.

January 10th, Laura Chandler, director of physical education at the Y. W. C. A. and her assistant, Margaret Rees, with a few of the girls in the gym classes at the "Y" presented an interesting program. The feature of the program was the Tunney-Dempsey Clog Dance given by Miss Chandler and Miss Rees.

## William P. Kindt Retires

ON January 28th, William P. Kindt, of Bldg. 6, head store keeper in charge of raw material stock, gave up his position after very nearly 39 years of service to retire under the provisions of our Company's pension system. Mr. Kindt celebrated his 70th birthday January 15th and although he is in excellent health he decided to turn over his work here to younger men and enjoy the leisure to which his long years of faithful service entitle him.


Wm. Kindt

Mr. Kindt was born in Philadelphia, Pennsylvania, but when he was very young his father died and his mother came to FortWayne to make her home. Accordingly Mr. Kindt has lived here practically all of his life. He recalls that Fort Wayne was not quite the present city. The only sidewalks along Calhoun Street were gravel ones, and bad spots in the streets in those days were filled in with the trunks of small trees.

As a young man Mr. Kindt served as one of the city's volunteer firemen, being a member of the old "Vigilante Co. No 2". After the city firemen were reorganized and paid a small fee, he continued to serve for a time as one of the "minute men."

Before coming to the Electric Works, he worked several years for the Pennsylvania R.R. in their car shops just east of Calhoun Street. Our plant had been in its present location on Broadway less than three years when Mr. Kindt came here, March 12th, 1889. At the time M. M. M. Slattery, chief engineer, was working on the development of a storage-battery-driven street car and Mr. Kindt's first work was on the building of the battery. The acid fumes in some way affected the color of Mr. Kindt's hair and ever since, he tells us, his hair has been snow white. After a year or so on this battery job, Mr. Kindt was given a position in the store room under John Kiess, the foreman then in charge. The stock was then located in the wing of Bldg. 2. From this location the stocks were soon transferred to a new frame building erected on the present site of Bldg. 4. Many employees will remember this old frame store-room which was torn down only a few years ago to make room for Bldg. 4. Through all these changes in location, from Bldg. 2 to the old frame store-room Bldg. 6, and thence to our present fireproof store-room, Bldg. 6, Mr. Kindt has been connected with the stocking and dispensing of raw materials, and for many years has had charge of this stock under the Order and Stores Dept.

His steadiness on this job is only one of the unusual things in connection with Mr. Kindt's employment here. Mr. Kindt was a charter member of our Mutual Benefit Association but has drawn benefits only once and that for a period of three days, because of injury received when he slipped and fell on a city street car. Moreover, Mr. Kindt has a record of never being late to work during his 39 years of service.

With pride Mr. Kindt tells us that he has two daughters working here, Miss Emma in the Meter Dept., Bldg. 19-4, and Miss Clara working in Bldg. 4-1, who on January 9th completed five years of service with the General Electric.

Mr. Kindt expects to spend much of his time in the city, his home being at 1702 Spy Run Avenue. Probably he will make a visit during the summer with a married daughter living at St. Paul, Minnesota. He tells us that he and Mrs. Kindt take much pleasure in raising flowers and every summer have an immense bed of gladioli on one of the vacant lots they own out on State Boulevard. We are sure he will be glad to show his garden to any of his former co-workers at the General Electric.

*Play Safe!*

## Evans and Cass Transferred to Erie

DURING November T. M. Evans and H. R. Cass, two of our transformer engineers, were transferred from Fort Wayne to the Erie Works.

Mr. Evans came here to our Fort Wayne Works in July, 1919, from the Schenectady Works. On graduating from Rose Polytechnic Institute in June 1917, Mr. Evans went to Schenectady and took up work on the Test Course. The following February he enlisted for military service at Ft. Slocum, N. Y., securing the rank of 2nd Lieutenant. On his discharge from military service in November of the same year he returned to General Electric at Schenectady, where he remained until his transfer to Fort Wayne. During the period of his employment here, he was engaged in transformer design work in our local Transformer Engineering Dept. He was transferred to the Transformer Engineering Dept., Erie Works, on November 5th.

Mr. Cass was employed here on the Student Engineers Course in July, 1924, following his graduation from the University of Minnesota, and in May, 1925, was assigned to a position in the local Transformer Engineering Dept. He was steadily employed as a transformer engineer under Messrs. Wagner and Chadwick until his transfer in November to the Transformer Engineering Dept. at Erie.

## Suggestion Awards

*(Cont'd from page VIII)*

Ellis M. McMullen, Bldg. 26-4, supplying equipment on machines in Bldg. 26-4 to permit the automatic threading of certain Meter Dept. hanging screws.

George H. Graue, Winter St., supplying bushings on holder at machine No. 15939 at Winter St. Plant.

Lindsay E. Eastes, Bldg. 4-3, supplying a guard over belt on machine in Bldg. 4-3.

A. Treesh, Winter St., supplying motor-driven screw driver or assembling evaporators at Winter St.

Oscar H. Cook, Winter St., use of scrap lead for making gaskets at Winter St.

John I. Howard, Winter St., supplying shaving pans at shapers at Winter St.

Harry Slater, Winter St., supplying ventilation equipment in the first floor of the Winter St. Plant.

Wilbur J. Babcock, Winter St., supplying racks for holding shields at oven at Winter St.

Harold A. Hart, Bldg. 4-5, additional guard at conveyor in Bldg. 4-5.

Ellsworth Geller, Winter St., supplying a permanent ladder at the pit at Winter St.

Everett Lindeman, Bldg. 4-3, punching certain Frac. Hp. commutator bars shorter.

H. V. Atkins, Bldg. 17-2, supplying guard for machine No. 3925 in Dept. 4-3.

Julius J. Warnement, Winter St., making use of coil springs to hold skirts in spraying ice machine units.

Dorothy A. Schaefer, Winter St., supplying a shield at drain board in Restaurant at Winter St. Plant.

J. W. Shovlin, Bldg. 20-2, use of improved type screens at sand blast in Bldg. 27.

James Fuller, Bldg. 27, supplying stops on slotting die in Bldg. 27.

H. A. Hart, Bldg. 4-5, supplying a shield at conveyor in Bldg. 4-5 Test Room.

Glenn Kline, Bldg. 26-5, change to I-14 meter magnet die.

G. F. Crowe, Bldg. 19-4, supplying a template for drilling holes in I-14 meter repair bases.

Henry Meyers, Bldg. 4-4, supplying a separator in air line at machine No. 14224 in Bldg. 4-4.

G. F. Crowe, Bldg. 19-4, supplying a handle for fire door at 19-4 bridge.

F. T. Volmerding, Bldg. 18-3, stamping drawing number on certain apparatus commutators.

Ed W. Horman, Bldg. 26-3, changing clamps on line welders used in Bldg. 26-3.

Lester Hubartt, Bldg. 4-4, supplying a warning signal in the Recreation Bldg.

J. P. Sherwin, Bldg. 17-4, change to ventilation in lavatories in Bldg. 17.

Bryan Brown, Bldg. 4-5, supplying an improved tool rest for use on machine in Bldg. 4-5.

Theo. A. Brinker, Bldg. 19-4, supplying a handle for fire door at Bldg. 19-4 bridge.

Ralph Dennison, Bldg. 26-5, improved chuck for use with multiple drill heads.

Lawrence Walters, Bldg. 2-E, supplying iron protecting strips for door casing at entrance to Bldg. 2.

Glenn L. Carney, Bldg. 4-4, supplying a special tool for cleaning plugs in Bldg. 4-4.

Don E. McAfee, Bldg. 26-1, elimination of envelopes used with certain transformer instruction books.

Louis D. Hopper, Bldg. 20-1, supplying a hoist at wood hog.

John Overholt, Bldg. 19-2, supplying an extension on machine No. 5680 in Bldg. 19-2 for use with large coils.

Wm. L. Glenn, Bldg. 7-2, supplying guards on punch presses in Bldg. 8-2.

Wm. C. Mills, Bldg. 17-2, dead ending trolley wires in Bldg. 17-2.

Bernard Gausepohl, Bldg. 12-2, use of inserted type of lathe centers in Bldg. 17-3.

Marguerite Chupp, Bldg. 4-4, supplying special containers for clips in Bldg. 4-4 assembly.

## G.E.A.A. Athletics

### G-E Basketball Team Continues Winning Pace

THE G-E Club basketball five is setting a fast pace for championship honors in the middle west. The local club has won thirteen straight games, six of these being on foreign floors.

The most notable victory was over the fast Buick team of Flint. This team had previously defeated the G-E Club five on the Flint floor, and is considered one of the leading teams of this part of the country. The final score was 51 to 35.

Another feature game was the one with the Wabash Paper Board team, an overtime game, which was won by the G-E five, 37 to 33.

The G-E Club five is fast gaining recognition as one of the strongest teams in the middle west. The management is having difficulty in booking teams strong enough to give this club a real battle. Several games have been cancelled by the local management when it was feared the teams could not furnish real opposition. Fans appreciate the fact that the best teams available are being booked, for the crowds are getting larger at each game and the seating problem is getting serious. A crowd of about seventeen hundred people was at the Flint game.

The scores of the games played to date are as follows:

| | | | | |
|---|---|---|---|---|
| G-E Club | 24 | .. | Fort Wayne Hoosiers | 49 |
| G-E Club | 46 | at | Syracuse | 43 |
| G-E Club | 24 | at | Flint Buicks | 55 |
| G-E Club | 50 | | Rushville | 20 |
| G-E Club | 32 | at | Wolf Lake | 30 |
| G-E Club | 31 | | Indianapolis Turners | 25 |
| G-E Club | 38 | at | Howe. Mohawks | 24 |
| G-E Club | 51 | at | Wabash Paper Board | 27 |
| G-E Club | 31 | | Indianapolis Ramblers | 22 |
| G-E Club | 42 | at | Warren Rexalls | 36 |
| G-E Club | 35 | | Wolf Lake | 16 |
| G-E Club | 37 | | Wabash Paper Board | †33 |
| G-E Club | 31 | at | Wapakoneta Amer. Legion | 27 |
| G-E Club | 48 | at | Toledo Ford Plate Glass | 18 |
| G-E Club | 42 | at | Auburn Autos | †35 |
| G-E Club | 51 | | Flint Buicks | 35 |

* Exhibition. †Overtime

†Overtime

Some good games are on the schedule for the next month's play, which follows:

February 2nd, Olson's Terrible Swedes

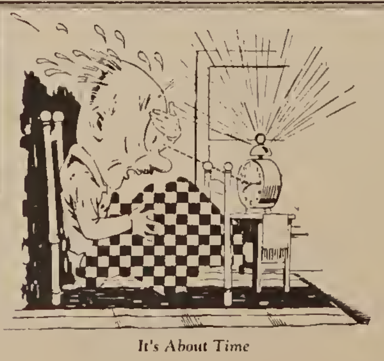
February 9th, Muncie Ex-Bear Cats

February 16-25, Independent Tournament

March 2nd, Delco Remy Co.—Anderson.

Myers is leading the local squad in scoring, with 71 field goals and 47 fouls for a total of 189 points. Bruce Hamilton follows with 117 to his credit. To give any one player on the squad individual credit would be doing the entire team an injustice. All nine players have played in practically all of the games. Myers and Hamilton are leading point getters, but their total would not be so high if Holmes and Kowalcyzk did not feed them the ball. And Spahr is a wonder at breaking up shots under the basket and recovering the ball. Wisner makes one of the best men to inject in the game when the opposition is worn out Steele plays a fine game at center. Nobles can take Myers' or Hamilton's place at any time in any of the toughest games. Whenever D. Hamilton, coach, fears any scoring ace, he picks Hueber who promptly smothers him. The individual scoring follows:

| | g | fg | f | Per | Tot. |
|---|---|---|---|---|---|
| Myers | 16 | 71 | 47 | 48 | 189 |
| B. Hamilton | 15 | 54 | 9 | 11 | 117 |
| Holmes | 15 | 21 | 17 | 25 | 59 |
| Kowalcyzk | 13 | 23 | 10 | 27 | 56 |
| Wisner | 13 | 18 | 13 | 21 | 49 |
| Nobles | 15 | 20 | 7 | 17 | 47 |
| Steele | 16 | 19 | 7 | 14 | 45 |
| Spahr | 15 | 15 | 6 | 23 | 36 |
| Hueber | 14 | 5 | 5 | 16 | 15 |
| | | 246 | 121 | 182 | 613 |



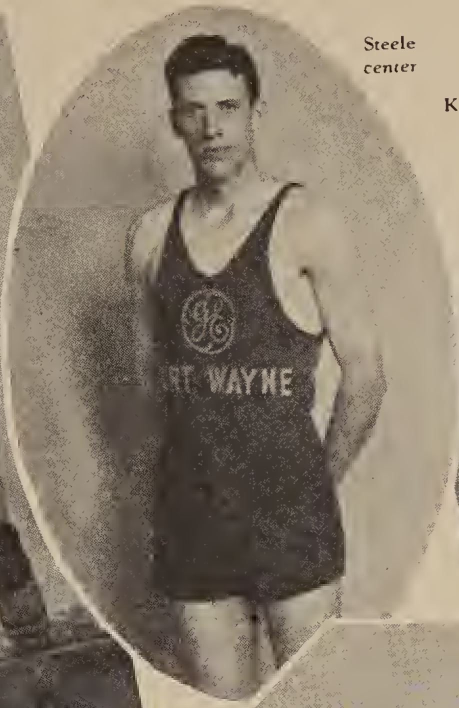
MAKE

ANOTHER

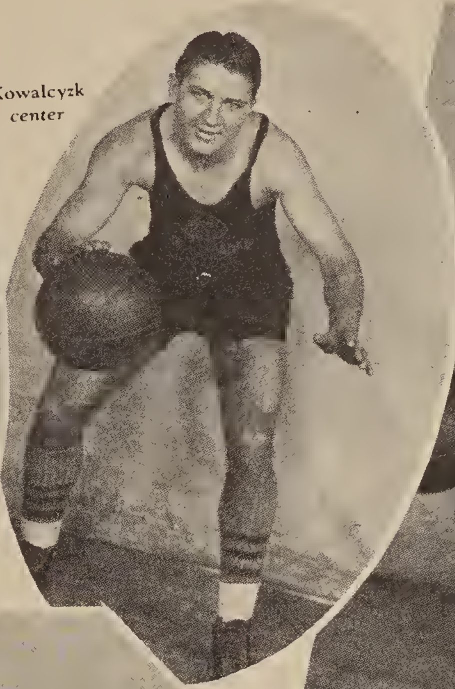
SUGGESTION!

# Representing General Electric

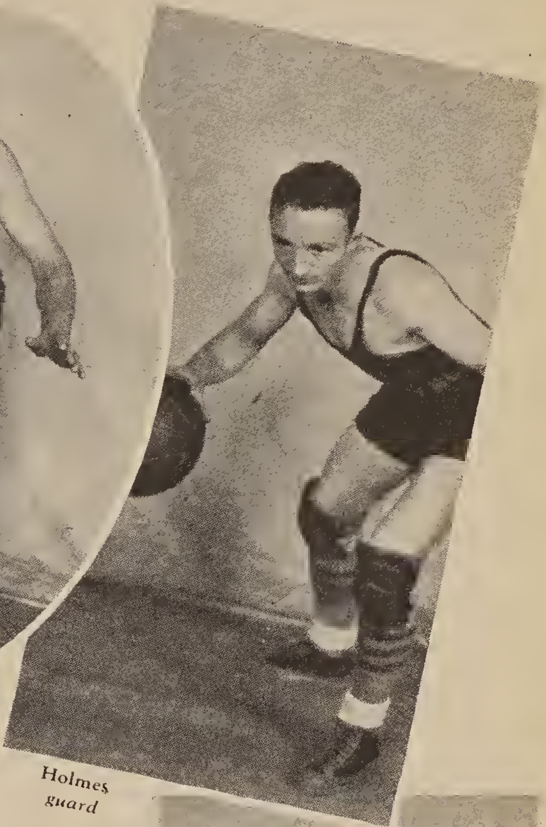
Spahr
*guard*



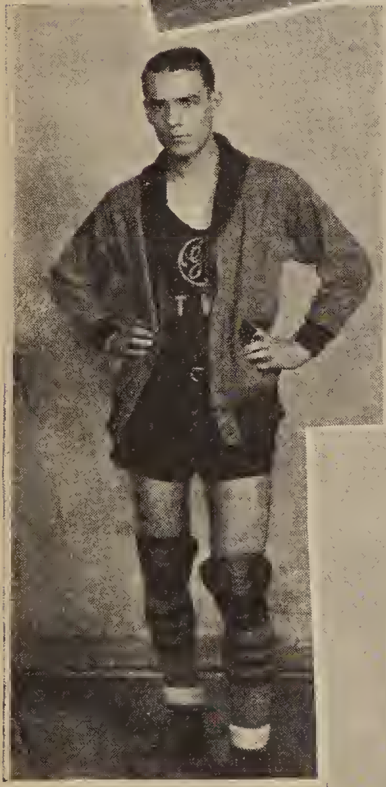
Steele
*center*



Kowalcyzk
*center*



Holmes
*guard*



Nobles
*forward*

Hueber
*guard*

Myers
*forward*

Hamilton
*forward*

Wisner
*forward*

## Dudlo Wins First Half Y.M.C.A. Industrial League

The Dudlo five went through the first half of the Y. M. C.A. Industrial League without losing a game, winning undisputed possession of first place. Bowsers finished second and the G-E Mazdas finished third. The second round started January 21st, and the Mazdas are out to win this half. Manager Plaisted has had a difficult time building up an entire new team, as last year's team is the present G-E Club team. But he has several stars and when the team starts playing together it is going to make a hard combination to beat. Virgil has been the scoring ace for this team and the Funderberg brothers are making names for themselves. Currie, a new man on the team has already won a name for himself with his fast, hard playing. Mossburg is playing a good game at defensive guard and coach Groves steps in occasionally to help out. The standing of the teams at the end of the first half follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Dudlo | 4 | 0 | 1000 |
| International Motors | 3 | 1 | 750 |
| G-E Mazdas | 2 | 2 | 500 |
| Bowser | 1 | 3 | 250 |
| Wayne Knit | 0 | 4 | 000 |

## Men's Gym Class Organized

The first men's gym class was held January 6th in the Recreation Bldg. Twenty-three men were present for the exercises on the first night. The classes are under the charge of Anthony F. DeLaGrange, assisted by Carlton W. Kirbach. Both of these men are trained leaders and have had considerable experience in handling classes. Considerable interest is being shown and the classes are becoming larger each week. Meetings are held each Wednesday and Friday evening simmediately after work. All men in the plant are welcome and invited to attend. There is no charge and all that is necessary is to be there with a gym suit and shoes. An opportunity is thus afforded for those who do not play basketball, volley ball, or any of the other strenuous games, to obtain some beneficial exercise.

## Inter-Department Volley Ball League

The Winter Street team is leading the Inter-Department volley ball league, losing but one game. These games are played on Monday night immediately after work. Everyone is welcome and no admission charge is made. The standing of the teams follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Winter Street No. 1 | 17 | 1 | .944 |
| Main Office | 14 | 4 | .777 |
| Small Motor | 12 | 6 | .666 |
| Winter Street No. 2 | 10 | 8 | .555 |
| Meter No. 1 | 6 | 12 | .333 |
| Apprentice | 6 | 12 | .333 |
| G-E Squares | 4 | 14 | .222 |
| Meter No. 2 | 3 | 15 | .166 |

## Inter-Department Basketball

The leaders continue to win in the Inter-Department basketball league, and two teams are tied for first place with a perfect percentage. These leaders are due to meet soon and one of them must drop from the lead. These games are played on Monday evenings, starting at 7:00 p.m., in the Recreation Bldg. and everyone is welcome. No admission charge is made. The standing of the league follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Apparatus | 4 | 0 | 1000 |
| Winter Street | 4 | 0 | 1000 |
| Apprentice | 3 | 1 | 750 |
| Small Motor | 3 | 1 | 750 |
| General Service | 1 | 3 | 250 |
| Transformer | 1 | 3 | 250 |
| Meter | 0 | 4 | 000 |
| Squares | 0 | 4 | 000 |

## Summary of G-E Girls' Basketball

| | | | |
|---|---|---|---|
| General Electric vs. Lincoln Life | 19 | – | 13 |
| General Electric vs. Wayne Feed | 31 | – | 18 |
| General Electric vs. Ft. Wayne Bus | 40 | – | 15 |
| General Electric vs. Lincoln Life | 44 | – | 14 |
| General Electric vs. Monroeville | 21 | – | 18 |
| General Electric vs. Wayne Knit | 29 | – | 27 |
| General Electric vs. Van Wert | 35 | – | 34 |
| | 219 | | 140 |

PLAYERS SUMMARY

| | g | fg | ft | tp | pf |
|---|---|---|---|---|---|
| Walda, f | 5 | 28 | 10 | 66 | 5 |
| Hormel, f | 7 | 17 | 8 | 42 | 4 |
| Reidenbach, f | 7 | 18 | 2 | 38 | 8 |
| Maas, f | 5 | 2 | 0 | 4 | 0 |
| Vail, c | 5 | 27 | 2 | 56 | 4 |
| Pearch, c | 6 | 3 | 1 | 7 | 8 |
| Hogg, | 3 | 0 | 0 | 0 | 2 |
| Singrey, g | 6 | 0 | 0 | 0 | 11 |
| Archbold, g | 5 | 0 | 0 | 0 | 3 |
| Stahl, g | 5 | 0 | 0 | 0 | 3 |

The team is also playing in the Y. W. C. A. Blue Triangle League. Six teams are entered: G-E, Wayne Knit, Wayne Feed, Business College, and two B.T.A.A. teams. G-E won its first game against B.T.A.A. "Blue Streaks" on January 12th with a score of 59-9. Games are played in the "Y" gym on Thursday nights, starting at 8:00 o'clock.

## With the Bowlers

The Interdepartment bowling league represents the cream of the G-E bowlers as well as the city's best. Most of the players are old timers who like to roll on the G-E Club alleys.

* * *

The Industrial Service team won the first half of the Office league, but is having a tough time of it the second half.

* * *

The Decatur league celebrated the end of the first half by a big banquet prepared by the K. of P. women. Sixty-five bowlers attended. Short talks were given by E. W. Lankenau, Bert Gage, Miles Roop and Kenneth Eady, captain of the winning team. After the smoke screen had cleared away the boys spent the balance of the evening bowling and playing cards.

* * *

"Doc" Garton is developing into a real bowler. He finished the first half with a 122 average. "Doc" is plowing into the maples for a 156 average for 9 games in the second half.

* * *

Helen Bleke tumbled over the pins for a 232 count in the girls' league for individual honors. No mean score for a girl, and one most of us could be proud of.

### Meter Dept. League

| | Won | Lost | PC. | Ave. |
|---|---|---|---|---|
| Leads | 15 | 3 | .833 | 802 |
| Discs | 12 | 6 | .667 | 808 |
| Seals | 11 | 7 | .611 | 796 |
| Registers | 10 | 8 | .556 | 798 |
| Magnets | 10 | 8 | .556 | 775 |
| Pivots | 9 | 9 | .500 | 788 |
| Terminals | 9 | 9 | .500 | 781 |
| Elements | 9 | 9 | .500 | 762 |
| Covers | 7 | 11 | .389 | 782 |
| Jewels | 7 | 11 | .389 | 774 |
| Bases | 5 | 13 | .278 | 767 |
| Gears | 4 | 14 | .222 | 771 |

INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Rupple | 48 | 182 | Rietdorf | 51 | 174 |
| C. Rump | 51 | 180 | Timme | 51 | 174 |
| Lawrence | 36 | 179 | Bushing | 51 | 172 |
| Weick | 51 | 176 | Voorhees | 50 | 172 |
| Hueber | 46 | 174 | Jacobs | 48 | 172 |

HIGH INDIVIDUAL SCORES

| One Game | | Three Games | |
|---|---|---|---|
| Lawrence | 253 | Rupple | 677 |
| Rupple | 248 | Hueber | 617 |
| Allen | 244 | Kammeyer | 614 |

HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Leads | 943 | Leads | 2586 |
| Pivots | 899 | Registers | 2559 |
| Covers | 886 | Covers | 2507 |

### Transformer League

| | Won | Lost | PC. | Ave. |
|---|---|---|---|---|
| Nitelites | 28 | 17 | .622 | 745 |
| Potentials | 26 | 19 | .578 | 750 |
| X-Rays | 26 | 19 | .578 | 749 |
| Autos | 24 | 21 | .533 | 745 |
| Radios | 22 | 23 | .489 | 739 |
| Oilburners | 21 | 24 | .467 | 727 |
| Currents | 21 | 24 | .467 | 723 |
| Bells | 20 | 25 | .444 | 729 |
| Filaments | 20 | 25 | .444 | 726 |
| Toys | 17 | 28 | .378 | 708 |

INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Cox | 54 | 177 | Garman | 48 | 166 |
| Rietdorf | 33 | 173 | Orff | 51 | 165 |
| Cook | 51 | 171 | Fryback | 27 | 165 |
| Tagtmeyer | 54 | 170 | Long | 54 | 164 |
| Bower | 27 | 169 | Walters | 54 | 163 |

HIGH INDIVIDUAL SCORES

| One Game | | Three Games | |
|---|---|---|---|
| Lash | 254 | Cox | 670 |
| Orff | 247 | Orff | 624 |
| Rietdorf | 234 | Rietdorf | 607 |

HIGH TEAM SCORES

| One Game | | Three Games | |
|---|---|---|---|
| Potentials | 892 | Potentials | 2433 |
| Oilburners | 870 | Radios | 2401 |
| X-Rays | 867 | Currents | 2364 |

### Tool and Equipment League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Special Machines | 7 | 2 | .778 | 803 |
| Special Tools | 7 | 2 | .778 | 788 |
| Machines | 5 | 4 | .556 | 786 |
| Grinders | 5 | 4 | .556 | 747 |
| Jigs & Fixtures | 3 | 6 | .333 | 765 |
| Dies | 3 | 6 | .333 | 764 |
| Tool Supervisors | 3 | 6 | .333 | 763 |
| Punches | 3 | 6 | .333 | 757 |

INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Rehm | 48 | 182 | W. Franke | 50 | 167 |
| J. Franke | 45 | 176 | Seibel | 45 | 167 |
| Gerdom | 42 | 172 | Thiele | 48 | 166 |
| Knepple | 48 | 170 | Brenner | 51 | 164 |
| Suelzer | 24 | 169 | Mersman | 50 | 163 |

HIGH INDIVIDUAL SCORES

| One Game | | Three Games | |
|---|---|---|---|
| J. Franke | 247 | Rehm | 587 |
| Rehm | 234 | Thiele | 587 |
| Druhot | 225 | Hays | 569 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Special Machines | 906 | Special Machines | 2475 |
| Machines | 898 | Punches | 2468 |
| Punches | 865 | Jigs & Fixtures | 2437 |

## Foremen's Association League

| | Won | Lost | PC. | Ave. |
|---|---|---|---|---|
| Ice Machine No. 1 | 10 | 2 | .834 | 760 |
| Small Motor | 9 | 3 | .750 | 722 |
| Pattern Shop | 7 | 5 | .583 | 713 |
| Ice Machine No. 2 | 7 | 5 | .583 | 711 |
| General Servic | 6 | 6 | .500 | 719 |
| Apparatus | 6 | 6 | .500 | 691 |
| Meter | 5 | 7 | .417 | 718 |
| Wire and Insulation | 5 | 7 | .417 | 710 |
| Tool Supply | 5 | 7 | .417 | 706 |
| Transformer | 4 | 8 | .333 | 697 |
| Tool Making | 4 | 8 | .333 | 688 |
| Machine | 4 | 8 | .333 | 670 |

### INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| Buuck | 179 | Grimme | 169 |
| Harkenrider | 175 | Bennigan | 165 |
| Johnson | 171 | Garihan | 164 |
| Korte | 170 | Foellinger | 163 |
| Schild | 170 | Skevington | 161 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Ice Mach. No. 1 | 853 | Small Motor | 2361 |
| Small Motor | 853 | Ice Mach. No. 1 | 2354 |
| Tool Supply | 803 | Tool Supply | 2284 |

## Office League

| | Won | Lost | P.C. | Ave |
|---|---|---|---|---|
| Distribution | 7 | 2 | .778 | 787 |
| Plant Construction | 7 | 2 | .778 | 779 |
| Small Motor | 6 | 3 | .667 | 799 |
| Accounting | 6 | 3 | .667 | 777 |
| Rate Dept | 6 | 3 | .667 | 770 |
| D-C. Apparatus Engrs | 5 | 4 | .556 | 765 |
| Apparatus Cost | 4 | 5 | .444 | 790 |
| Industrial Service | 4 | 5 | .444 | 776 |
| Warehouse | 4 | 5 | .444 | 755 |
| A-C. Drafting | 4 | 5 | .444 | 748 |
| Material List | 1 | 8 | .111 | 750 |
| D-C. Drafting | 0 | 9 | .000 | 719 |

### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Einseidel | 9 | 195 | Roeger | 9 | 169 |
| Reese | 9 | 193 | Rapp | 9 | 167 |
| Lindemuth | 3 | 183 | V. Blomenberg | 9 | 166 |
| Engers | 9 | 179 | H. Fulton | 9 | 166 |
| Greub | 9 | 175 | W. Blomenberg | 9 | 164 |

### HIGH INDIVIDUAL SCORES

| One Game | | Three Games | |
|---|---|---|---|
| E. Reese | 267 | Rapp | 597 |
| F. Rapp | 235 | Einsiedel | 549 |

### HIGH TEAM SCORE

| One Game | | Three Gamcs | |
|---|---|---|---|
| Accounting | 954 | Small Motor | 2482 |
| Small Motor | 869 | Accounting | 2463 |

## Small Motor League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| RSA | 6 | 3 | .666 | 783 |
| RSS | 6 | 3 | .666 | 805 |
| RKT | 6 | 3 | .666 | 774 |
| SD | 5 | 3 | .625 | 823 |
| SA | 4 | 4 | .500 | 784 |
| SDA | 4 | 5 | .444 | 777 |
| RSC | 2 | 7 | .222 | 749 |
| RKQ | 2 | 7 | .222 | 758 |

### INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| F. Quinn | 182 | T. Seymour | 171 |
| Schoenherr | 180 | Korte | 171 |
| Brooks | 179 | Kessler | 170 |
| Franke | 173 | C. Rose | 169 |
| R. Tobias | 172 | Straub | 168 |

### HIGH INDIVIDUAL SCORES

| One Game | | Three Games | |
|---|---|---|---|
| F. Korte | 232 | H. Kessler | 623 |
| H. Kessler | 232 | Schoenherr | 581 |
| H. McKee | 228 | F. Quinn | 579 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| SD | 950 | SD | 2639 |
| RSS | 931 | RSS | 2539 |
| RKQ | 905 | RKQ | 2499 |

## Inter-department League

| | Won | Lost | PC | Ave. |
|---|---|---|---|---|
| Small Motors | 20 | 13 | .606 | 876 |
| Meter | 19 | 14 | .576 | 902 |
| Office | 15 | 12 | .556 | 878 |
| Apparatus | 16 | 17 | .485 | 899 |
| Ice Machine | 15 | 21 | .417 | 846 |
| General Service | 11 | 22 | .333 | 855 |

### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Doehrman | 13 | 209 | Auer | 36 | 189 |
| Quinn | 36 | 192 | Seymour | 3 | 186 |
| Schlup | 36 | 191 | Zurcher | 30 | 184 |
| Harkenrider | 16 | 191 | Knoll | 24 | 181 |
| Einseidel | 12 | 189 | C. Rump | 36 | 180 |

### HIGH INDIVIDUAL SCORES

| One Game | | Three Games | |
|---|---|---|---|
| Doehrman | 266 | Doehrman | 688 |
| Auer | 246 | Quinn | 667 |
| Quinn | 245 | Harkenrider | 638 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Meter Dept | 1040 | Meter Dept | 2899 |
| Office | 989 | Apparatus | 2840 |
| Apparatus | 987 | Office | 2835 |

## Fire Department League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Hydrants | 11 | 1 | .917 | 760 |
| Foamites | 8 | 4 | .666 | 769 |
| Valves | 7 | 5 | .583 | 749 |
| Hose | 7 | 5 | .583 | 746 |
| Nozzles | 5 | 7 | .417 | 736 |
| Ladders | 5 | 7 | .417 | 731 |
| Chemicals | 4 | 8 | .333 | 750 |
| Pyrennes | 2 | 10 | .166 | 701 |

### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| D. Hamilton | 24 | 183 | V. Rump | 24 | 167 |
| D. Voorhees | 15 | 174 | Boyce | 15 | 166 |
| Siebold | 21 | 171 | Grimme | 21 | 165 |
| Shober | 12 | 171 | Doehle | 21 | 161 |
| E. Miller | 24 | 169 | Harwood | 21 | 160 |

### HIGH INDIVIDUAL SCORE

| One Game | | Three Games | |
|---|---|---|---|
| B. Hamilton | 245 | D. Hamilton | 662 |
| Glenn | 240 | Hoffman | 593 |
| D. Hamilton | 235 | Glenn | 578 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Hydrants | 946 | Hydrants | 2624 |
| Foamites | 839 | Foamites | 2402 |
| Hose | 837 | Hose | 2367 |

## Wire and Insulation League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Wire Rolling | 35 | 10 | .778 | 728 |
| Office | 27 | 18 | .600 | 686 |
| Mica | 20 | 25 | .444 | 665 |
| Bakelite | 19 | 26 | .422 | 662 |
| Wire Insulating | 17 | 28 | .378 | 660 |
| Paper | 17 | 28 | .378 | 658 |

### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Buckles | 45 | 163 | E. Hamilton | 45 | 153 |
| Huffman | 45 | 161 | L. Gardt | 45 | 152 |
| Kampen | 42 | 158 | Hire | 39 | 151 |
| DeWitt | 39 | 156 | Glenn | 45 | 147 |
| Schultz | 45 | 154 | Saaf | 45 | 141 |

### HIGH INDIVIDUAL SCORES

| One Game | | Three Games | |
|---|---|---|---|
| Kampen | 253 | Kampen | 623 |
| Schultz | 237 | Hire | 613 |
| Hire | 234 | Buckles | 608 |

### HIGH TEAM SCORES

| One Game | | Three Games | |
|---|---|---|---|
| Wire Rolling | 844 | Wire Rolling | 2366 |
| | | Office | 2303 |
| | | Wire Insulating | 2271 |

## Girls' League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Transformer | 21 | 6 | .777 | 606 |
| Meter Dept | 19 | 8 | .709 | 599 |
| Small Motor | 17 | 10 | .630 | 576 |
| Industrial Service | 12 | 15 | .481 | 543 |
| Fire Dept | 11 | 16 | .407 | 534 |
| Office | 10 | 17 | .370 | 542 |
| Tool Dept | 9 | 18 | .333 | 538 |
| Apparatus | 8 | 19 | .296 | 530 |

### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Linnemeier | 30 | 147 | Weitfeldt | 36 | 140 |
| Truelove | 33 | 145 | Litot | 36 | 140 |
| Bleke | 30 | 143 | Eising | 24 | 139 |
| Fox | 33 | 142 | Blomenberg | 133 | 138 |
| Walda | 21 | 141 | Nahrwold | 33 | 130 |

### HIGH INDIVIDUAL SCORES

| One Game | | Three Games | |
|---|---|---|---|
| Bleke | 232 | Weitfeldt | 540 |
| Nahrwold | 218 | Fox | 523 |
| Eising | 202 | Truelove | 522 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Transformer | 742 | Transformer | 2027 |
| Small Motor | 705 | Meter | 1975 |
| Meter | 699 | Small Motor | 1785 |

## Decatur League

| League No. 1. | Won | Lost | P.C. |
|---|---|---|---|
| Automatics | 17 | 13 | 581 |
| Stators | 17 | 13 | 581 |
| Motors | 14 | 16 | 460 |
| Flanges | 12 | 18 | 406 |
| League No. 2. | | | |
| Broaches | 21 | 8 | 724 |
| Rotors | 18 | 11 | 621 |
| Punch Press | 11 | 19 | 366 |
| Collectors | 9 | 21 | 333 |
| City League | | | |
| G-E | 22 | 11 | 666 |
| City | 18 | 15 | 545 |
| K. of P | 14 | 19 | 424 |
| Castings | 12 | 21 | 363 |

High Team Score—One Game, City, 902.
High Team Score—Three Games, G-E, 2506.
High Individual Score—One Game, Chase (K. of P.), 230.
High Individual Score—One Game, Spangler (Cast.), 230.
High Individual Score—Three Games, Spangler (Cast.), 569.

*G-E Club Committee on Athletics:* A. Konow, chairman; E. K. Spiker, secretary; C. M. Schnieders, treasurer; George Bridges, D. Hamilton, W. J. Hockett, Wade Reed, F. L. Schafenacher, Irene Whitehead, Helen Stahl.

*G-E Club Basketball team:* Ray Lindemuth, manager; Dee Hamilton, coach.

*Mazda Basketball team:* Gus Plaisted, manager; Bus Groves, coach.

*Junior Basketball teams:* Norman Singleton, manager; Ralph Perkins, coach.

*Y. M. C. A. Volley Ball team:* J. V. Johnson, manager.

*Water Polo team:* Paul Berghorn, manager.

*Horseshoe team:* J. F. Blakeley, manager.

*Men's gym class:* Anthony De La-Grange, Carlton Kirbach, instructors.

*Equipment: Purchaser, Custodian,* George Harkenrider.

*Interdepartment Athletics:* Guy Plaisted, director.

*Basketball League:* P. G. Kern, manager; Transformer, R. Wickliffe; Meter, W. Mossman; Apparatus, J. Rogers; General Service, E. O'Neill; G-E Squares, Rowley; Small Motors, C. Reynolds; Apprentice, O. Weitzman; Winter St., E. Kibiger.

*Volley Ball League:* Al. Gollmer, manager; Winter St. No. 1, Ed. Langston; Main Office, Yahne; Winter Street No. 2, Culp; Small Motor, Johnson; Meter No. 1, Reising; Apprentice, Weitzman; Meter No. 2, Heine; G-E Squares, Kroeger.

*Girls' Athletics:* Irene Whitehead, director; girls' basketball, Ed Kammeyer; girls' volley ball, Eva Beckman, manager; Nadine Denney, coach.

# "Submarine sighted—*position* 45"

BATTLE PLANES leap into action—springing from a five-acre deck—sure of a landing place on their return, though a thousand miles from shore.

This marvel of national defense was accomplished—and duplicated—when the airplane carrier, U. S. S. Saratoga, and her sister ship, U. S. S. Lexington, were completely electrified.

In each, four General Electric turbine-generators deliver, combined, 180,000 horse power to the propellers—enough to drive the ship at 39 miles an hour—enough to furnish light and power for a city of half a million people.

And in the familiar occupations of daily life, electricity is working wonders just as great—improving industrial production, lifting the burden of labor, speeding transportation, and multiplying the comforts of home.

The General Electric Company has developed powerful marine equipment, as well as electric apparatus for every purpose of public advantage and personal service. Its products are identified by the initials G-E.

6-14H

GENERAL ELECTRIC

The G-E News

March 2, 1928

# On the Front Cover

FRANK WHITACRE is the man whose picture is given on the cover of this issue. Such introduction is not necessary to those who work in Bldg. 26-2 for ever since the Transformer Dept. has been over there, Mr. Whitacre has been doing their trucking with one of the little industrial trucks. And can he handle that truck? The Transformer people will tell you that he can put his truck and its load through any place that gives him an inch to spare. Also, as a railroader might say, he makes good time. Yet he has a record of not having damaged any property or injured anyone in all the years that he has been handling a truck. He is master of his machine and keeps his mind on the job. His fellow truckmen and the Transformer Dept. employees among whom he works hold him in the highest esteem.

You would scarcely believe it, but the records show that Mr. Whitacre is 69 years of age. He has been in the employ of the General Electric since 1913. For a time he was with Foreman Sam Stocks at the casting shed. His first job was checking castings but as time went on he helped out occasionally with the truck. In 1916 he was transferred to the Transportation Dept. under Mr. Harkenrider to regularly handle the truck that delivered castings to various departments in the Works. When Bldg. 26 was completed he was transferred to his present job on the west side of Broadway.

Before coming to General Electric Mr. Whitacre had been engaged both as a farmer and as a small country town merchant. Since then, when the time is his own, he is always ready to get back into the country on a hunting or fishing trip. And we have it direct from one with whom he often fishes and hunts that even today he can tire out much younger men in the tramps across the country in pursuit of game. From his fishing experience you may be interested to hear his story of the fight he had with a certain old "bronze back" that he got hold of in a little private lake just west of Warsaw. His companion on that trip assures us that as usual Mr. Whitacre landed the bass.

An all-around fellow is Mr. Whitacre. A true sportsman in the field, a steady and reliable co-worker in the shop, he is the sort of employee of which General Electric is proud.

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

Vol. 12 March 2, 1928 No. 3

CONFERENCE GROUP WAGE RATE DEPT.

*Left to right—Front row*: Kenneth Williams, Howard Fletter, J. H. Gargett, L. D. Hodell, D. P. Persing, I. H. Freeman, J. H. Evans, R. M. Blakelock, of Schenectady Works, Neal R. Hench. *Second row:* Forest Somers, Frank Elder, Waller James, Emanuel Stocks, James Johnson, Linn Kern, James Stauder, John Rodgers. *Third row:* James Baker of Decatur, Ray Snyder, Elmer Sible, William Meyers, Louis Steup, Joe Gruber, Harry Snyder, Willard Hale. *Back row:* Elmer Fretz, Andrew Lee, Stewart Herring, Ralph Fishback, Jack Daniels, Walter Englebrecht, Oscar Burtzner and Louis Boltz.

# Blakelock Describes Micro-Motion Study

R. M. BLAKELOCK, micro-motion analyist of Schenectady, visited our Works the latter part of January and on the evening of January 25th at a dinner meeting of wage rate men, factory foremen, superintendents and department heads, gave a talk on the subject of "Motion Economy" and explained in some detail the "Gilbreth" system of micro-motion study.

The Gilbreth method of analyzing the motions of operators doing a particular job usually makes use of a motion picture film taken of one of the operators in action. A special time clock is included in view so that the small intervals of time between the consecutive views on the film can be determined. The micro-motion analyist, from a study of the individual views on the film, determines the possibilities of improvements. Usually his recommendations involve a new order of motions on the part of the operator and some modifications in the set up affecting the position of the supplies and the tools used.

Rather remarkable results have been secured in instances in which such micro-motion analysis have been made, and generally the work under the new methods of doing the jobs is not as tiresome to the operators even though the day's production is appreciably increased. By the micro-motion study of a proposition it is discovered if one hand does an unreasonable share of the work; if one hand is forced to wait until the other has completed certain operations; if the hands have to travel an unnecessary distance for tools or supplies, or lose time in properly getting hold of the next tool or part which it is necessary to grasp. Correction of these things which cause time delays, even though in many instances these delays are only parts of a second, are the means by which the time economy is secured. More equal distribution of the work between the operator's hands, reduction of the distances through which the hands move, keeping the motions down near the level of the elbows and elimination of all unnecessary motions, reduce the element of fatigue.

When Mr. Blakelock had finished speaking, Mr. Goll expressed his confidence that those present would discover opportunities within our shops of improving production by making use of the principles of motion economy as demonstrated by Mr. Blakelock.

Don't Forget!
There is Always
A Better Way

# They All Had "A Better Way"

READERS of suggestion award reports no doubt recall the name of W. H. Finke, Bldg. 6-1, among those who have received some of the larger awards. In the December issue an award of $45 made to him was reported. In the January issue Mr. Finke's name did not appear, but in the February issue we find that he received an award of $80, on a second suggestion that he had made.

Mr. Finke has the honor of first mention this month. He has been granted $75 additional on his former suggestion that hot rolled steel be used for certain transformer parts, the lifting lugs and clamp shoes. His success in securing a total of $200 in awards on two suggestions in just a few months is a matter of which he may well feel proud.

F. E. Wynkoop, Bldg. 19-4, is second this month with an award of $50. He suggested a change in the sequence of operations in machining phonograph motor flanges, reducing the time required and also reducing the number of rejections.

Lyndes Burtzner, Bldg. 12-2, received $20 award on his suggestion regarding change to tapping fixtures used on back covers in Meter Dept.

David Lewis, Bldg. 26-5, received an award of $20 on his suggestion of supplying additional adjustments for Barth grinders used in Tool Making Dept., Bldg. 26-5.

F. Ely Current, Bldg. 26-2, suggested a change in wooden bottom boards of certain trays used in Bldg. 26-2 to facilitate their use in assembly, and received $20 award.

E. H. Leitz, Bldg. 26-2, was awarded $15 for suggestion regarding reduction in lengths of certain leads and tubing used in Transformer Dept.

C. Pfeil, Bldg. 4-2, suggested special plugs be used to protect bearings in fractional hp. motor flanges during refinishing, and secured $15 award.

B. C. Metker, Bldg. 4-4, suggested the machining of both ends of fractional hp. motor shaft No. 2068217-1 on automatics. His award was $15.

Otis Haver, Bldg. 27, received $15 on his suggestion regarding the supplying of a clamp for mandrel used in Bldg. 27.

F. E. Wynkoop

W. H. Finke

William H. Moltham, Bldg. 26-4, received $10 award on a suggestion eliminating one operation on certain meter disc shafts.

C. E. Goeltz, Detroit Service Shop, suggested changes to MC-10 relay bearings to improve lubrication, that brought him an award of $10.

Chauncey C. Buell, Bldg. 19-5, suggested a change to MC-10 base patterns to permit proper tightening of wing nuts and was awarded $10.

Elmer W. Filler, Bldg. 26-1, suggested a change in size of insulated studs used in reactors built in Bldg. 26-1 and received $10 award.

George M. Clouse, Bldg. 26-B, was awarded $10 on his suggestion regarding the eliminating of by-passes on oil lines in Bldg. 26.

Harry McKee, Bldg. 4-2, received $10 award on suggestion regarding use of $1\frac{5}{16}$ in. stock on fractional hp. motor shaft No. 7559138.

Louis Scherer, Bldg. 2-E, received $10 award for suggestion regarding the supplying of drip pans for fibre dipping tank in Bldg. 2-E.

In the period covered by this report 47 awards of $5 each were granted to Fort Wayne Works employees. The recipients and the suggestions on which these awards were granted are as follows:

Bradie Peters, Bldg. 26-4, supplying a crane for stock room in east end of Bldg. 26-4.

Richard Goyer, Bldg. 17-3, supplying pilot lights at ovens in Bldg. 17-3.

Clarence C. Gardt, Bldg. 8-2, supplying special pliers for use in Bldg. 8-2.

E. W. F. Aumann, Bldg. 12-2, changing drinking fountain in Bldg. 12-2 to insure an adequate supply of cool water.

P. Rentschler, Bldg. 20-1, supplying a stationary ladder at the spray booth in Bldg. 26-2.

Reuben Dewart, Bldg. 22, improved method of mixing compound in Punch Press Dept., in Bldg. 26-2.

George A. Thomas, Bldg. 20-2, supplying an enclosure for iron rack at Bldg. 27.

Clifton Mugg, Bldg. 20-1, supplying devices for holding open the swinging doors in Bldg. 20-1.

H. F. Buesching, Bldg. 20-2, supplying a guard at stairway in Bldg. 20.

Albert R. Flory, Bldg. 4-3, supplying guards for the Cleveland Automatic machines in Fractional Horsepower Motor Dept.

Carl S. Campbell, Bldg. 19-4, supplying a cover for switch on machine No. 7222 in Bldg. 19-5.

Dorcas Lancaster, Bldg. 19-5, change to meter shaft V-3520374 to eliminate trouble with brushes coming in contact with shaft.

W. E. Tibbitts, Bldg. 4-5, painting conveyor gates red to aid in distinguishing them from the rest of the conveyor.

James A. Stover, Bldg. 19-4, inspecting I-16 bases for cracks, in Bldg. 19-B.

Clyde Boyce, Bldg. 17-2, change in the method of fastening hammer heads to handles to provide a safer construction.

Cyron Hartman, Bldg. 16-1, supplying a window in the wall of the pastry room in Bldg. 16-1.

Louise Lawson, Bldg. 26-2, supplying a monorail crane in Bldg. 26-2.

Harry Brown, Bldg. 20-1, supplying guards for motors on winding machines in Bldg. 26-2.

Joseph J. Koble, Bldg. 26-2, use of light bulb in place of meter in open circuit testing device used in Bldg. 26-2.

Edgar Eylenberg, Bldg. 19-5, eliminating brass washer on MC-10 assembly.

H. F. Buesching, Bldg. 20-2, supplying a guard at drill press No. 3728 in Bldg. 17-3.

George England, Bldg. 26-2, supplying a razor blade support for use on certain winding machines in Bldg. 26-2.

Everett Baughman, Bldg. 26-3, stud for lifting K. F. transformer coils.

Hazel Newport, Bldg. 26-2, supplying canvas shields at elevator gates in Bldg. 26-1 and 2.

R. C. Bodenhorn, Bldg. 20-2, supplying a guard for machine No. 6474 in Bldg. 22.

Ray E. Stephenson, Bldg. 20-1, supplying a screen in the varnish line at oven in Bldg. 26-2.

H. Buesching, Bldg. 20-2, supplying a guard for gears on machine No. 142 in Bldg. 17-4.

George England, Bldg. 26-2, supplying clamp arbors for use in winding certain coils in Bldg. 26-2.

D. H. Welbaum, Bldg. 26-2, change to stop on crane in Bldg. 26-3.

F. H. Lemish and W. H. Harshman, Bldg. 26-3, supplying shields at welding panels in Bldg. 26-3.

Geo. M. Clouse, Bldg. 28-B, supplying iron ladders at tanks in Bldg. 28-B.

C. A. McCormick, Bldg. 26-B, supplying a drain pan for collecting glycerine in Bldg. 26-B.

Paul C. Miser, Bldg. 27, supplying larger clamps for use in handling tanks in Bldg. 27.

Nora C. Coburn, Bldg. 26-3, change to paper feed on 12 coil winding machines in Bldg. 26-3.

Wayne Michelfelder, Bldg. 17-3, supplying covers for grinder wheels on machine No. 8070 in Bldg. 17-3.

Harry B. Combes, Bldg. 19-4, additional award, changing operations on phonograph motor lower bearing hole.

George A. Thomas, Bldg. 20-2, supplying a non-skid floor at wash tank in Bldg. 17-3.

John F. Dellinger, Bldg. 17-1, supplying iron shoes for legs of panel truck used in Bldg. 17-1.

C. S. Campbell, Bldg. 19-4, supplying a drip pan under the driving mechanism of conveyor in Bldg. 19-4.

James P. McFeely, Bldg. 26-5, guards at punch presses in Bldg. 26-3, to protect operator from falling sheet metal.

Dea Logan, Bldg. 27, improved method of welding babbitted boxings in Bldg. 27.

J. S. Ostrowski, Bldg. 27, use of wooden blocks in place of phosphor bronze block on machine No. 9587, in Bldg. 27.

Walter Frederick, Bldg. 19-5, supplying braided leads for certain relay pig tail connectors.

C. E. Warner and Flaurence Lemper, Bldg. 4-4, supplying an improved tool holder for use on P. & J. machines in Bldg. 4-4.

Margaret Eakin, Bldg. 4-5, change to the practice of dipping varnished cambric in paraffin in Bldg. 4-5.

August Herbst, Bldg. 19-4, supplying a new type hook for use in plating traffic signal parts in Bldg. 19-4.

Bryan Brown, Bldg. 4-5, supplying a permanent tool rest for machine No. 8236 in Bldg. 4-5.

# A Little Bit of Everything

### Love Are Dumb

He asked her on the back porch
On a moonlit starry night,
Alas, he was excited,
And did not git it right.
"You cannot live without I,
And each other must us have we,
So are you till I will me,
If us we marry won't she?"
The poor girl was dumfounded,
And knew not what to say,
But opened up her mouth,
And poured forth words this way:
"Oh, dear boy, how me love us,
And me too love I we,
But you we I are never,
Is able can us marry.
Me are a husband has got,
Him is I much do loves,
Alas, I is not are you have I,
Nor can it ever was."

—*Mass. Tech. Voo Doo.*

* * *

### Good Advice

"While reading your columns," says a friend, "I was suddenly struck by the wisdom of safety. An hour later, remembering your advice, I escaped being struck by something a lot harder and a lot heavier."

* * *

### Honest

What is becoming, is honest; and whatever is honest, must always be becoming. CICERO.

* * *

"Believe it or not, I've been having so much clam chowder lately that my stomach rises and falls with the tide."

—*Stone Mill.*

* * *

"There goes my closest friend."

"I didn't know you two were so intimate."

"We're not. The stingy bum just turned me down for a five-spot."—*Lampoon.*

* * *

### Influence

Every man, however humble or feeble, exercises some influence on those about him, for good or evil.

—SEDGWICK.

Useless

A little girl was put in an upper berth of a Pullman sleeping car for the first time. She kept crying till her mother told her not to be afraid, because God would watch over her.

"Mother, you there?" she cried.

"Yes".

"Father, you there?"

"Yes".

A fellow passenger lost all patience at this point and shouted: "We're all here! Your father and mother and brothers and sisters and aunts and uncles and cousins. All here; now go to sleep."

There was a pause; then, very softly: "Mama!"

"Well?"

"Was that God?"

*A.M.A. Journal*

* * *

An old Chinaman, delivering laundry in a mining camp, heard a noise and spied a huge bear sniffing his tracks in the newly fallen snow.

"Huh," he gasped. "You likee my tracks; I makee some more."

* * *

Pat coming out of ether in the ward after an operation exclaimed audibly "Thank God! That's over."

"Don't be too sure," said the man in the next bed, "they left a sponge in me and had to cut me open again."

And the patient on the other side said, "Why, they had to open me too, to find one of their instruments."

Just then the surgeon, who had operated on the Irishman, stuck his head in the door and yelled, "Has anybody seen my hat?" Pat fainted.

* * *

In a certain suburb there is a cottage the door of which must be raised a little to be opened, and for this purpose a hatchet is generally used. One night a knock came at the door and a youngster was sent to see who was there.

"Who is it?" inquired the boy.

"It's me." said a voice outside.

The youngster, recognizing the voice shouted back: "It's Mrs. Murphy; get the hatchet."

Mrs. Murphy didn't wait.

* * *

### A Few Smiles

He smiles at someone since you smiled,
And then that one smiles back,
And that one smiles until, in truth.
You fail in keeping track.

And since a smile can do great good
By cheering hearts of care,
Let's smile and smile and not forget
That smiles go everywhere.

FORT WAYNE
WORKS GE NEWS

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Vol. 12 March 2, 1928 No. 3

## Our Basketball Timing Clocks

REALIZING the need of up-to-date timing equipment for our fine building, we have designed and had built for us twin electric clocks working on the impulse principle. Consequently, they can be accepted as being absolutely correct. The two clocks are exactly alike. Either clock can be used for registering the playing time, and the other for registering time out. One clock starts the instant its duplicate is stopped and vice versa. The red hand ticks off seconds and makes one revolution a minute. The black hand advances so as to show minute intervals, and the range of the clock is thirty minutes, but it can be run indefinitely repeating thirty minute cycles. Anybody understanding the functions of a stop watch can read and interpret from the position of the hands on the dial or dials, how much time has been played, how much time has yet to be played, and how much time has been taken out.

We trust that our patrons, friends and players will appreciate this practical and accurate method of indicating progress throughout the game. E. A. BARNES.

## Volunteer Firemen Elect Officers for 1928

THE annual election of officers for the Volunteer Firemen's organization resulted in the reelection of Wm. Melching, president; Harry Zimmerman, vice president; Fred Duryee, secretary; Jim Sivits, treasurer; Paul Grimme and George Doehla on board of management. At this meeting held just before the holiday season, each fireman received a five-pound box of candy and the Chief received a present of a dandy radio cabinet from the men.

## Plantation Singers to Close Entertainment Series

JACKSON'S Plantation Singers will present the final number on this season's series of Redpath entertainments sponsored by the G-E Club. This number will be given on Saturday evening, March 10th, at St. Paul's Hall. Negro melodies of every kind—spirituals, jubilee chants, plantation songs, old tribal melodies—will be included in the program. There is every assurance that this entertainment will be one of the best on the season's program. If you care for these tuneful melodies of the colored race, you will wish to hear these "Plantation Singers" on March 10th. Single admission, fifty cents.

UNIVERSAL SAFETY
Not for an hour, a day or a year-*but* ALWAYS

## Absent Employees

Helen Hench, Meter Dept., Bldg. 26-4, has been away from work, ill for several weeks. Although up to this time she has seen very little change, we hope soon she will be much improved.

Albert Mason, Bldg. 27, is now at his home on R. R. No. 7, recovering from a recent operation. There is every hope that he will continue to improve and soon be able to return.

Emma Reiling, Experimental Dept., Bldg 17-2, is confined to her home at 1301 Rockhill St., recovering from an operation. She reports that she is feeling fine now.

Mrs. Myrtle Cramer, Bldg. 17-2, is at the Lutheran hospital recovering from an operation. She has gotten along fine and is planning on returning to work in a short time.

Albert Huxoll, Bldg. 17-3, is now at his home at 1164 Harmer Street, recovering from a recent operation. Mr. Huxoll has been in poor health for the past year but we are all hoping his operation will help.

Florence Robinson, Transformer Dept., Bldg. 26-2, has been away from work for the past few weeks because of nervous trouble. While she reports that she is feeling some better she is not certain when she will be able to return.

Mrs. Katherine Weigle, Bldg. 17-2, has been ill and unable to be at work for the past several weeks. She reports that she is still quite nervous and fears it will be some little time yet before she will return.

Mrs. Ivena Werling, Bldg. 4-5, is now at her home, 1409 Taylor St., recovering from a recent operation. She reports that she is feeling fine.

Everett Jones, Small Motor Dept., Bldg. 4-5, is now at his home, 3410 South Broadway, recovering from an operation which he underwent recently. He says he is getting along nicely and expects to return soon.

Mrs. Eunice O'Connor, Works restaurant, has been sick and unable to be at work for several weeks. We hope she soon may be able to report improvement.

Elsie Mahlan, Meter Dept., Bldg. 19-5, has been confined to her home since December 24th, because of injuries received while at work. The wound is healing and we hope she will be able to return shortly.

Goldie Cookson, Bldg. 26-2, is a patient at the Methodist hospital, recovering from an operation. She reports that she is feeling fine and will no doubt be leaving for her home soon.

"I'm sorry to have to do this, "said Jackie as he smeared jam on the baby's face, "but I can't have suspicion pointing its finger at me."

# Noon-hour Programs as Popular as Ever

ON January 13th, the Community Center orchestra under the direction of Gilbert Brown, Bldg. 26-4, furnished the music for a dance. "Brownie's" orchestra delighted everyone although it has been practicing for only a very short time.

On January 17th, Winter Street contributed the program by presenting "Black and White" by Leroy Wysong, Ben Jackson and Jack Robbins.

On January 20th, Claude Golden, a senior of the Fort Wayne Art School, drew some very beautiful and interesting crayon pictures for the crowd.

On January 24th, the Transformer Dept. quartet, consisting of Paul Peterson, Hoy Bastian, Joe Eitman and Coonie Norwalt with Harry Brattain accompanying, were on the program. Jim Majors with his impersonation of Simantha Higgins rounded out a happy half-hour.

On January 27th, Bloyd Sarmon and C. Sandros, known as "Sandy" of WOWO, entertained with songs, banjo and piano music.

On January 31st, the Unique orchestra furnished music for the dance.

On February 3rd, Jane Rubey, a talented thirteen year old pianist of our city, entertained the G-E audience with some very fine classical numbers.

On February 7th, students of Jane Ward, of the Stage Door Studio, entertained with some clever and unique dances. Among those in the group was the daughter of Walter Beatty, Transportation Dept.

The committee arranging the noon-hour programs for the rest of the season consists of Grace Phillips, chairman, Marie Blough and Irene Meyers. Anyone interested in contributing to the programs should notify one of these girls. Miss Phillips can be reached in the Industrial Service Dept.

## How to Avoid Having Oil Pimples

WHEREVER cutting oils and lubricating compounds are used certain workers develop eruptions, or so-called "oil pimples". So generally is this true, and so numerous the reasons given, that the United States Public Health Service has investigated it.

These oil pimples appear primarily as "black heads", situated in the openings of the hair follicles. They soon assume the shape of a "pimple" approximately the size of a pea, are hard in consistency, and are distributed for the most part along the backs of the hands, the back and front surfaces of the forearms, and sometimes on the thighs. Among workers who have the habit of brushing the hair back with the hand, the forehead and face are also affected.

The first annoyance noted is the itching, which is very intense at times. These "pimples" may become infected and develop into boils and abscesses.

A number of factors cause these pimples, but chief among them, as disclosed by the investigation, is the dryness of the skin of those affected contrasted to the oiliness of the skin of those not affected.

Oil pimples can be prevented by the following simple procedure:

1. Before exposure to oils wash hands and forearms thoroughly with warm water, using liquid soap to assist the cleansing process.
2. After drying, apply castor oil and rub well into the skin.
3. At noon, before eating luncheon, wash hands and forearms with warm water and soap.
4. On returning to work repeat the morning schedule of washing and application of castor oil.
5. At the end of the workday, wash hands and arms with warm water and soap and dry well.

## Safety First in History

*When Adam, so the records state,*
*With clothing quite inadequate,*
*Refused to leave the garden gate—*
*Now that was Safety First.*

*When Noah heard that there would be*
*A terrible catastrophe,*
*He built an ark to sail the sea—*
*Now that was Safety First.*

*When Solomon the great and wise,*
*Had wives he used to idolize,*
*He locked them up like bees in hives—*
*Now that was Safety First.*

*When Arthur and his gallant Knights,*
*Got ready for their bloody fights,*
*They clothed themselves in metal tights—*
*Now that was Safety First.*

*When Indian Chief stood up and said,*
*That Captain Smith must lose his head,*
*Then John, he wooed the girl instead—*
*Now that was Safety First.*

*—Exchange.*

THERE IS ALWAYS A BETTER WAY!

Everything that primitive man had was crude. To cross a river he used some floating object that would carry his weight. Then along came a man with more brains than his brother, and not satisfied with a floating log, he made a dug-out or canoe. Being dissatisfied with this, he made a raft from two dug-outs. Today we would not even be pleased at such a method (though there is still a hand-operated ferry at Harpers Ferry, Va.). The modern ferry boat is what we require, or a modern bridge. In many ways we are still in the dug-out stage, that is, no one has made the suggestions which are necessary before there can be improvement. The moral? Suggest!

# Our Two Charles A. Coffin Award Men

### Clark Orr

We feel sure that the readers of the Works News will be more than delighted to know that our good friend, Clark Orr, has been honored this year as a recipient of the Coffin Award. Mr. Orr, as you know, is the designing engineer in the Refrigerating Machine Division at the Winter Street Branch.

When Clark Orr graduated from the Fort Wayne high school back in 1890, he had not fully made up his mind just what profession he would follow, so he enrolled in the Fort Wayne Commercial College for a general commercial course, and in order to get a practical start he spent some months with his brother building lamps in a factory located near the Lake Shore depot. Among the opportunities that presented themselves in Fort Wayne at this time was the plant of the Fort Wayne Jenny Electric Light Company, occupying the site of the big Broadway Plant as it exists today.

In the fall of 1891, Mr. Orr applied for a position at this plant and was put in the Meter Dept. tool room alongside good mechanics such as Richter, Turgey and Henry Wolf, and he spent about three years in apprenticeship in tool and model making, and then was assigned to the Arc Lighting Dept. Those who had the privilege of working here at that time will remember that J. J. Wood was busy designing a new line of arc lamps, cutout boxes, switches and a number of other ingenious devices. Among the expert mechanics that were detailed to work with Mr. Wood on these inventions was Clark Orr, and he naturally imbibed much benefit and ingenuity from this contact.

When Mr. Wood returned from France with the authority to build the Audiffren-Singrun ice machine here at the Works, Mr. Orr was picked out as foreman in charge of the Ice Machine Dept., where he got his first insight into the characteristics of small ice machines designed for institutional and domestic purposes. Mr. Orr took a great interest in this ice machine development and many of the ideas and arrangements were the result of his application and ingenuity. A number of water cooled models were discarded, air cooled models were substituted, refined and improved.

It is in recognition of Mr. Orr's painstaking devotion to this branch of the industry that those in charge of the Coffin Award have picked him out as deserving. All those who have known Mr. Orr through the years rejoice in the selection and wish our friend, Clark Orr, years of happiness.

### Frank W. Merrill

FRANK W. MERRILL, also the recipient of a Charles A. Coffin award, is employed in the Fractional Hp. Motor Design Division of the Fort Wayne Works, having joined the organization in the summer of 1922, after several years with the Bell Telephone Laboratories, New York.

He graduated from Lewis Institute, Chicago, in 1905, with the degree of mechanical engineer, and since then his particular hobby has been the study of fundamental electrical designs.

Through work done for the Chicago Telephone Company, the Western Electric Company, and the Bell Telephone Laboratories, he has rather specialized upon telephone, radio, and vitaphone problems. These are of a different character from the problems encountered in the ordinary 60 cycle lighting and power systems, as they deal with frequencies ranging from 500 to 1000 cycles a second, requiring extreme accuracy of performance and control, and great reliability.

The machines are of a different character from those used on the usual 60 cycle circuits, and he has developed them to very high degrees of special application, bringing about a decided advancement, particularly in the telephone field, where automatic telephone stations are becoming so generally installed.

He holds several letters patent from the United States Government for his inventions, and these have resulted in a considerable volume of desirable business for the Fort Wayne Works.

He is a member of the American Institute of Electrical Engineers, and is this year secretary of the Fort Wayne Section.

His selection for a Charles A. Coffin award is particularly gratifying in view of his long and patient work in developing machines of a very advanced character in a little known field.

**Safety**
**is a great game.**
***Play It!***

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## "Industrial Fire Chief" Features Our Organization

In a combined November-December, 1927 issue of the *Industrial Fire Chief*, a magazine published by the Foamite-Childs Corporation, there was a three-page article under the heading "A Live Wire Brigade of Fire Fighters," that featured the Fire Patrol Organization at our Works. The article was highly complimentary as is indicated by the heading, and its appearance in this magazine, having a wide circulation among industrial concerns in America, has brought many congratulatory letters and not a few inquiries for more information about our fire amd patrol service here. Some concerns are asking permission to send representatives here to look over our equipment and methods, and several invitations have come to us to send a representative to tell how we do things here. Chief Paul Grimme accepted such an invitation from the Youngstown Sheet and Tube Co., attended their banquet on January 18th and addressed their organization of 500 firemen.

The chief has several copies of the *Industrial Fire Chief* and will be glad to loan them.

# Twenty-six Names Added to the G-E Honor Roll

## *Charles A. Coffin Foundation Certificates and Badges Awarded Today in Various Works and Offices*

TWENTY-SIX awards were made to General Electric employees by the Charles A. Coffin Foundation, for achievements during the year 1927. Announcement of the names of the winners and the formal presentation of the honorarium of $300, the certificate of award and the lapel button was made today.

The awards were divided as follows: workmen, 7; tool designers and expert mechanics, 3; foremen, 5; construction foremen, 1; engineers, 6; commercial employees, 4.

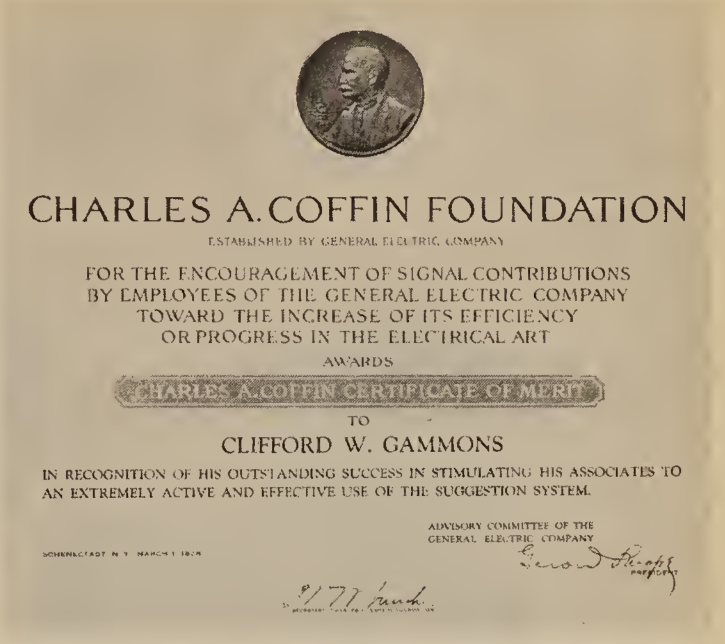
The method of choosing was as follows: from a large number whose accomplishments were of outstanding merit, 49 names were chosen. These 49 names were then recommended to a committee composed of J. G. Barry, chairman; A. H. Jackson, S. L. Whitestone, C. C. Chesney, C. E. Eveleth, W. R. Burrows, T. W. Frech, E. W. Allen, C. H. Minor, and W. W. Trench, secretary. From these names the committee chose those to whom awards were made.

In choosing the men for awards the committees first determined whether the accomplishment was outstanding, and an addition to the progress of the art or the efficiency of the Company; second, they studied the work of the men recommended to find out how far their attainment had exceeded what would ordinarily be expected of them.

The distribution of awards for the five years in which they have been made has been as follows:

| | 1923 | 1924 | 1925 | 1926 | 1927 | Total |
|---|---|---|---|---|---|---|
| Commercial.... | 7 | 7 | 5 | 5 | 4 | 28 |
| Engineering.... | 18 | 15 | 8 | 8 | 6 | 55 |
| Administrative. | 5 | | 1 | 3 | | 9 |
| Special........ | | 4 | | | 3 | 7 |
| Foremen ...... | 10 | 5 | 8 | 2 | 6 | 31 |
| Workmen...... | 10 | 12 | 8 | 9 | 7 | 46 |
| Total....... | 50 | 43 | 30 | 27 | 26 | 176 |

Outstanding among the awards for 1927, was that given to Clifford W. Gammons, assistant superintendent, Section G, Schenectady Works, for his excellent work in promoting the Suggestion System among those whose work he supervises. Mr. Gammons is a firm believer in the System. He realizes keenly the fact that every suggestion benefits not only the Company, but the man who makes the award and the man's fellow workers as well.



CHARLES A. COFFIN FOUNDATION

ESTABLISHED BY GENERAL ELECTRIC COMPANY

FOR THE ENCOURAGEMENT OF SIGNAL CONTRIBUTIONS
BY EMPLOYEES OF THE GENERAL ELECTRIC COMPANY
TOWARD THE INCREASE OF ITS EFFICIENCY
OR PROGRESS IN THE ELECTRICAL ART

AWARDS

CHARLES A. COFFIN CERTIFICATE OF MERIT

TO

CLIFFORD W. GAMMONS

IN RECOGNITION OF HIS OUTSTANDING SUCCESS IN STIMULATING HIS ASSOCIATES TO AN EXTREMELY ACTIVE AND EFFECTIVE USE OF THE SUGGESTION SYSTEM.

ADVISORY COMMITTEE OF THE
GENERAL ELECTRIC COMPANY

**ONE OF THE CERTIFICATES**

**Certificates like this were presented to each recipient**

Mr. Gammons never fails to impress upon the men under him that work can be steady in the shops only if the General Electric Company continues to receive large orders for its products, that orders depend entirely upon the quality of our apparatus and its selling price in relation to the apparatus of other companies, and that one of the best ways for the men to help keep the shops filled with work is to suggest means for improving quality and lowering cost.

All of the men under Mr. Gammons, therefore, have come to realize that "there is always a better way" and are out to find out what that "better way" is. The result has been that Section G has made an outstanding record for itself as regards the number of suggestions received and adopted in the first eleven months of 1927. A total of 415 suggestions were received, of which 377 were adopted. Altogether, $2850 in awards was given. In recommending Mr. Gammons for the award, the Suggestion Committee declared that the splendid conditions existing in Section G were the logical result of his encouragement.

Ludwig Staudenmeir, a machine designer at the National Lamp Works, Cleveland, received an award for his brilliant and valuable invention of a stem and inserting machine which is used in the manufacture of mounts for filament lamps. The new method, which is a radical departure from the conventional one, increased the operating efficiency and the quality of the product. It saved 30 per cent of the cost of the machines and increased production 50 per cent. It resulted in a saving of labor cost of $40,000 per year, an investment of $300,000 and a saving of 30,000 square feet of floor space.

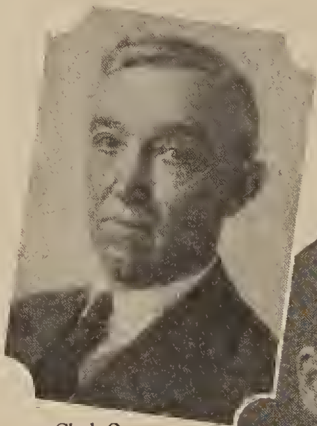
Among the workmen, the work of David Guyon, also of the Schenectady Works, is worthy of special comment. Mr. Guyon has made a number of very important contributions to the methods of punching and forming metal parts in the Punch Press Dept. He was a workman on the floor when he made several very important suggestions and has since been promoted to assistant foreman. He believes firmly that there is "a better way" to do almost everything, and acts on this belief by making frequent suggestions. He has received awards of $935 from the Suggestion Committee. Twenty-one of his suggestions have been adopted.

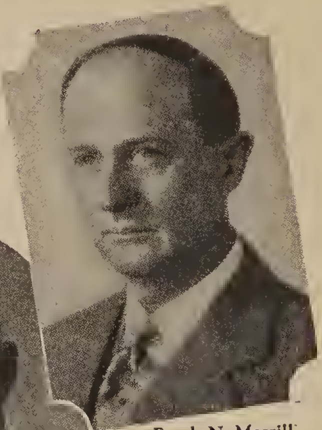
The achievements for which awards were made to these three men are typical of the achievements on which all of the Charles A. Coffin Foundation Awards for the present year were made.

A list of awards for the year and a summary of the achievements—except those described above—for which each was given, is printed on the following page:

# Works Employees Who Received Awards

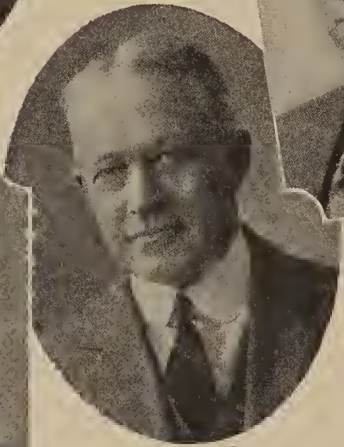
Charles H. Kershaw
West Lynn Works


Clark Orr
Ft. Wayne

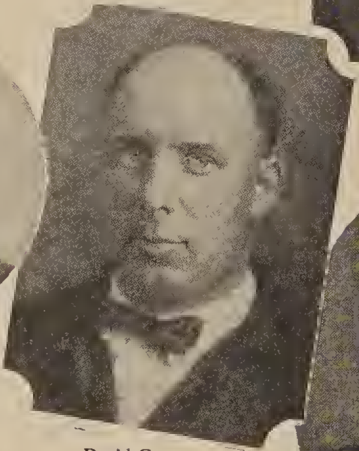

Frank N. Merrill
Ft. Wayne

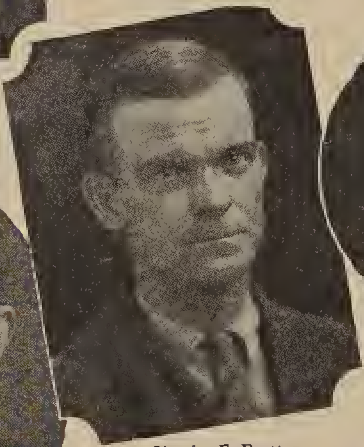
Frithiof L. Pearson
River Works

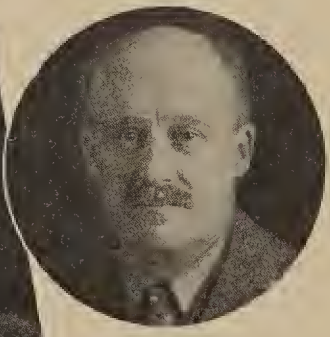
Zenas N. Lord
River Works

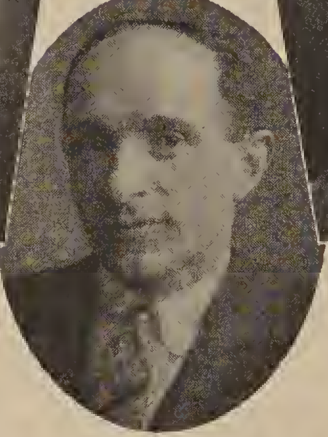

Guy O. Small
River Works

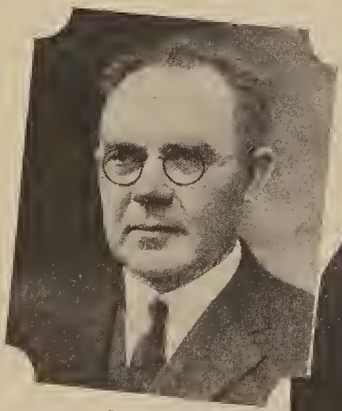
Clifford W. Gammons
Schenectady


David Guyon
Schenectady


Charles E. Bratton
Schenectady


Wallace Chadwick
Schenectady


Charles J. Sertl
Schenectady


Christian Steenstrup
Schenectady

Thomas S. Cooper
Schenectady

Locke H. Burnham
Pittsfield

Oliver H. Brigham
Pittsfield

Francis G. Van Slyck
Pittsfield

### Workmen

Charles E. Bratton, operator in the Wire and Cable Dept., Schenectady Works. Mr. Bratton made improvements in the manufacture of stranded cable which have resulted in increasing the output of the wire stranding machines and improving the quality of the cable. The changes also effected substantial reductions in manufacturing cost. He has offered more than 40 suggestions in relation to these machines, 16 of which have been adopted, and has received a total of $395 from the Suggestion Committee.

David Guyon, assistant foreman, Punch Press Dept., Schenectady Works.

Oliver H. Brigham, welder, Pittsfield Works. Mr. Brigham suggested a bridge and conveyor to facilitate the distribution of patterns between storage and foundry. This eliminated an awkward arrangement and effected a substantial annual saving.

Thomas S. Cooper, machinist, Schenectady Works. Four of Mr. Cooper's suggestions have been adopted. The most important were for an ingenious sand blast equipment for thoroughly cleaning the surface and small parts, and a fixture for forming resistance grid units for control on refrigerators. He has received $350 from the Suggestion Committee.

Francis G. Van Slyck, piece worker in the Tube Rolling Dept., Pittsfield Works. He suggested a means of speeding up core winding machines which resulted in large annual savings and a reduction in both floor space and the time required for delivery.

Frithiof L. Pearson, Metal Gear and Pinion Dept., River Works, Lynn. Mr. Pearson showed great ingenuity in devising and perfecting new and better checking methods for ascertaining and eliminating errors in the cutting of precision gears.

Wallace Chadwick, tool room mechanic, Schenectady Works. Mr. Chadwick has made numerous contributions which promote efficiency in the plant, by his machine inventions. Among them are an automatic grinding machine, a plug cleaning machine, a grinding and drilling machine, and a winding machine for the Electric Refrigeration Dept. The last named saves 50 per cent of the labor involved in the operation for which it is employed, over the method formerly used.

### Special

Charles H. Kershaw, machine designer, West Lynn Works. Mr. Kershaw during 1927 invented a number of new automatic and semi-automatic machines. The most important are the I-16 current coil special machine which presented many novel and difficult problems, all of which Mr. Kershaw solved successfully with automatic applications. In addition he contributed a potential coil spool machine as well as current and potential coil spool forming machines. He also designed the I-16 meter potential coil filling machines which materially reduced the maintenance charges and increased the output of the machines.

John J. Malloy, machine designer, Incandescent Lamp Department. Mr. Malloy designed and built a basing and soldering machine which saved large sums of money in labor cost, machine investment, and in shrinkage, also, the lamps produced by his equipment were superior in mechanical quality to those made on any previous type of machine.

Ludwig Staudenmeir, machine designer, Incandescent Lamp Dept., Cleveland.

### Foremen

Zenas N. Lord, general foreman, Pipe Shop, River Works, Lynn. Mr. Lord made a contribution of unusual merit in the development and application of the flash-back arrester for use on hydrogen and oxygen lines. The device was adopted for use in all the Company's plants.

Charles J. Sertl, foreman, Equipment and Control Punch Press Dept., Schenectady Works. In addition, to a number of contributions which have increased efficiency in his department, Mr. Sertl made an ingenious mechanical application for stock-keeping and time records which has resulted in a great saving of time and money.

George Booth, foreman, Coiling Dept., Youngstown Lamp Works. Mr. Booth developed a free floating bobbin for the filament coiling machine which increased production, improved the electrical quality of the coiled filament and decreased shrinkage and non-uniformity, as well as the cost of the coiled filament.

Chester W. Castle, foreman, Cleveland Vacuum Tube Works. Mr. Castle developed a device for automatically cutting and scraping coated metallic filaments which reduces cost, increases production, eliminates high shrinkage and substitutes automatic for inefficient manual operations.

Clifford W. Gammons, assistant superintendent, Section "G," Schenectady Works.

### Construction Foreman

I. Eugene Cox, construction foreman, Engineering Dept., St. Louis Office. Mr. Cox showed outstanding ability in solving railway problems for the Kansas City Public Service Company, the Joplin and Pittsburgh Railway Company, and other customers.

### Engineers

Christian Steenstrup, Schenectady, and Clark Orr, Fort Wayne. (Joint Award.) Mr. Orr and Mr. Steenstrup have done excellent and original work in the development of the new G-E refrigerators. Mr. Orr is responsible for the basic design of the models now in production, without which the Company probably would not have entered the refrigeration field. Mr. Steenstrup built largely on his own initiative a small refrigerator embodying the best features of the design developed by Mr. Orr. His improvements were so advantageous that the new design was adopted for the larger sizes as well.

Locke H. Burnham, engineer, Transformer Dept., Pittsfield. Mr. Burnham developed a method of increasing the capacity of air-cooled, oil-immersed transformers from 50 to 70 per cent by the use of a small amount of air supplied to the radiating surface with a jet arrangement.

Carl Severin, mining engineer, Lamp Development Laboratory, Incandescent Lamp Dept., Cleveland. Mr. Severin developed the first successful chemical getter for use in miniature Mazda C lamps.

Frank W. Merrill, designing engineer, Fractional Horsepower Motor Dept., Fort Wayne. Mr. Merrill contributed the following developments in his department: fractional horsepower synchronous induction motors, single unit frequency changer, speed regulated motors and center contact speed regulators, induction alternator for generating interrupted wave trains.

Guy O. Small, designing engineer, River Works, Lynn. Mr. Small originated a new method of manufacturing fabroil gears which eliminated a large item of waste and reduced the production cost.

### Commercial

Irving T. Hockaday, salesman, Houston Office. Mr. Hockaday has repeatedly obtained orders for the Company in the face of keen competition and very difficult sales conditions. By his patience, tact, and good humor, and his intimate knowledge of widely diversified engineering problems he has obtained and held valuable customers.

Louis Wintner, salesman, New York Office. Mr. Wintner devised and secured the first centralized street traffic control equipment sold by the Company. Faced with a very difficult situation, he nevertheless, by means of outstanding salesmanship, obtained an order for the initial electric traffic control system on Broadway.

Allen O. White, salesman, Washington Office. Mr. White displayed remarkable persistence and ingenuity in opening a large market for the sale of one of our products.

Robert S. Paden, salesman, Southeastern District. Mr. Paden received an award for unselfishly helping and educating junior salesmen who were starting in the same line of work as that in which he is engaged.

# G-E Pictures for G-E Folks

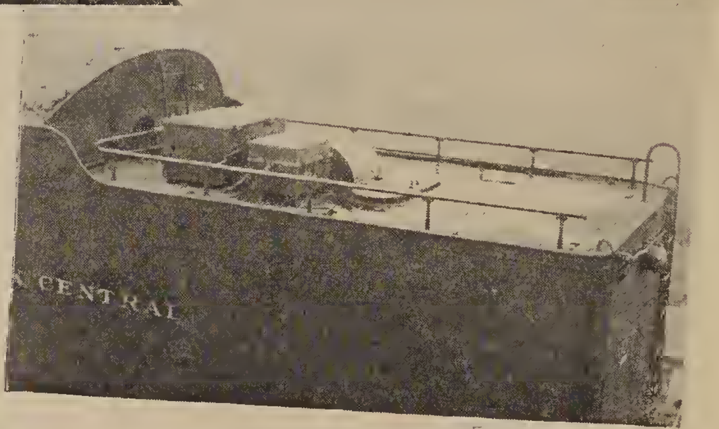
World Wide Photo

*Above:* Gloria Swanson, not content with being in the limelight most of the time, climbed into this enormous 36-inch arc-light. This lamp gives 5,000,000 candle-power

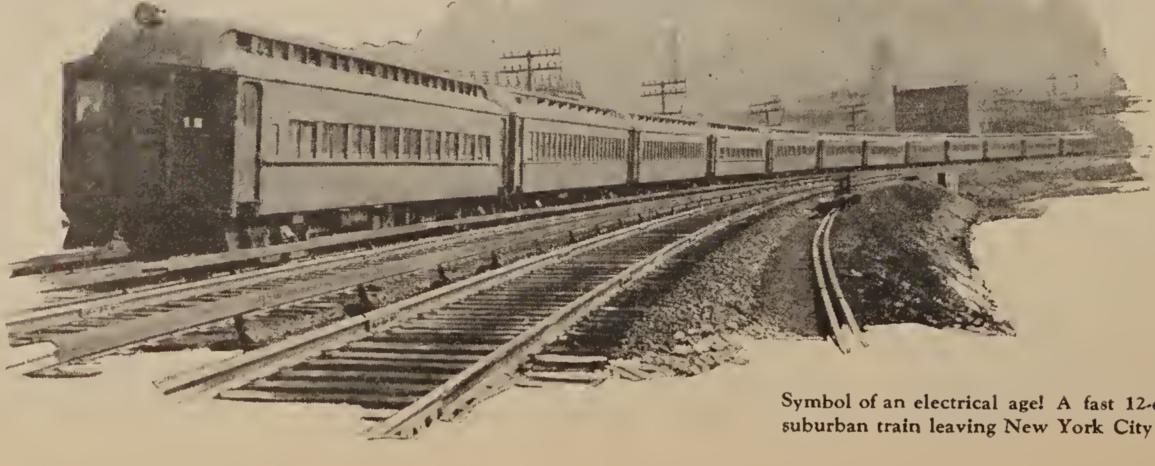
*Above:* Walter L. Greene, G-E artist who paints most of the G-E calendar pictures, standing beside his painting of the U.S.S. *Saratoga*, recently presented to Secretary Wilbur

*Below:* Warm winds and sunny skies. That's March—in some parts of the United States at least. This charming G-E girl climbed a high hill to look for the first signs of returning spring

An enormous casting made at the Erie G-E Works. It weighs 118,415 pounds. The Erie Works is noted for the high quality of its castings



New York Central tender equipped with radio antenna for communication between engine and caboose. The rod around the edge is the antenna



Symbol of an electrical age! A fast 12-car, G-E equipped electric suburban train leaving New York City with its load of passengers

# Around the World with General Electric

### Venezuela

The interior of the State of Venezuela, along the upper reaches of the Orinoco River, is one of the wildest parts of the world, much of this territory being the densest jungle, inhabited only by savage tribes. Yet along the Venezuelan coast civilization holds full sway. Macuto, a famous seaside resort near La Guaira, which is Venezuela's chief port, will soon have a new hotel. This extremely modern hostelry will overlook the sea, have the sea at its front door and the mountains behind it. Thus there will be a compromise for those who wish to go to the mountains and those who care to spend their vacations at the seashore. This should be a boon to Venezuelan fathers who are torn between the pleas of mother, who wants mountains, and daughter, who wants the seashore. Incidentally, this palatial hotel will be completely equipped with all the electrical accessories which give comfort to hotel life, most of them being of G-E manufacture.

### Japan

Electricity is indeed invading all the industries. Not even the tea we drink, escapes, in its preparation for the market, the assistance of electricity. In Japan much of the drying and firing of tea is now being done by electric heat, a process which insures a much more uniform grade of tea than it was possible to obtain under the old method. Various other mechanical processes in the preparation of tea are also done electrically now. General Electric, of course, has been one of the leaders in applying its products to this new use, for the high quality of G-E apparatus has given us an excellent reputation in the Orient.

### Pennsylvania

Gas-electric motor vehicles have been described as complete power plants, which use the power they generate to propel themselves. The principle is this: a gasoline engine drives a generator; the electric energy produced by the generator drives electric motors in the truck; and the electric motors propel the truck. This method of drive, which General Electric has had a large part in developing, has been highly successful on buses, many hundreds of gas-electric buses now being in regular service. Recently, however, this type of drive was tried out by the Philadelphia Rural Transit Company in regular trucking work. A truck with a trailer, having a total load of 14 to 16 tons, maintained a free running speed of over 25 miles an hour in actual operation tests.

### Brazil

An order for $100,000 worth of light was received from Brazil recently. This includes 774 General Electric novalux lighting units, and about 500 standards on which they will be mounted. In addition, the necessary cable, insulators, and other G-E material needed for this installation will be supplied. This is one of the largest orders ever received by the International General Electric. This order not only brings us more work, but shows that G-E products, because of their high quality and the excellent service they give, are gaining steadily in popularity.

### Washington

On February 18th, a painting of the U.S.S. *Saratoga* was presented to Secretary of Navy Wilbur. This is the second painting by Walter L. Greene, staff artist of the Company, presented to the Navy department. In 1921, his painting of the U.S.S. *New Mexico*, first electrically-driven battleship in the world, was given to Secretary of Navy Daniels.

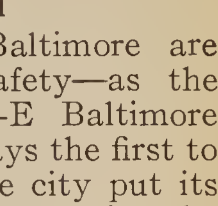
### Illinois

The problem of preserving the priceless works of art lodged in the Chicago Art Institute, has been greatly simplified by the electrification of a large part of the Illinois Central railroad in Chicago. During the year 1926 more than 13 tons of cinders were removed from the roof alone, while enormous quantities seeped into the building itself. During 1927 only four tons of soot were removed from the roof, and the building was kept practically free of it. G-E is aiding materially in this project by supplying the electrical equipment for the railroad.

### Maryland

The people of Baltimore are great people for safety—as the members of the G-E Baltimore Works force are always the first to declare. Recently the city put its ear to the ground, and, noting the wide interest in safety, decided to make its own streets safer by the installation of 130 G-E flashing beacons on trolley car loading platforms. The flasher beacons have amber signals on three sides, to warn approaching motorists. The fourth side is left open, and serves to light the platform.

### Michigan



When are you going to get your new Ford? The world waited a long time to find out what it would be like, and now that it is here many people—G-E people, at any rate—are interested in the fact that 30 G-E automatic arc welding equipments are being used in their manufacture. Even that snappy spare tire carrier is welded on. This is just another case in which G-E quality sold the apparatus we make.

# What We're Thinking About

## They Live on Vanilla

BELIEVE it or not, the people of the thriving little Mexican town of Papantla practically live on vanilla extract.

Some, perhaps, will suppose from this that they eat and drink nothing but vanilla beans and vanilla extract. That isn't strictly true, for their appetites, excepting their love for the hot chile pepper and other highly seasoned Mexican dainties, are not very much different from ours.

But it is true in another sense. The people of Papantla gain their livelihood by means of vanilla extract. It is the chief, and almost the only, source of revenue for the inhabitants of the town. And on the surrounding territory practically nothing else is grown.

One who had never heard of Papantla might not, perhaps, suspect that vanilla could be of such tremendous importance to any group of people. It seems hard to believe that the tiny bottle of extract reposing quietly on the kitchen shelf should symbolize the life work of a whole community.

But when one comes to think of it, the lives of all of us are pretty well specialized. One man may be a knockout of a machinist but not much good at parting the reluctant extract from its bean. And another may know all there is to know about the habits of the vanilla plant, yet not know what a turret lathe looks like. So it is with all of us. Each of us, whether we be a tinsmith, a lawyer, a glass blower, a core maker, a professional baseball player, or whatnot, has his little job cut out for him. Now and then it may look like a pretty unimportant job. But, for that matter, so is every other job when you compare it with all the things yet undone.

There is an old rhyme which we all know, which starts:

> Little drops of water,
> Little grains of sand . . .

There's a lot of truth in that little verse; for indeed, progress would cease and civilization go on the rocks, were it not for the small individual contributions which each one of us makes.

## A Recognition

THE Charles A. Coffin Foundation was established in 1922, by the Board of Directors, "as an expression of appreciation of Mr. Coffin's great work not only for the General Electric Company but also for the entire electrical industry, and with the desire to make this appreciation enduring and constructive as Mr. Coffin's life and work have been." The income from a fund of $400,000 was set apart for its work.

A careful reading of the article about this year's Charles A. Coffin Awards will convince anyone that the awards are being granted for accomplishments of an extremely high order. That is what Mr. Coffin would have desired. Himself a man of outstanding qualities, he inspired those who worked with him to unusual efforts. And it is fitting that, by means of the Charles A. Coffin Awards, those whose efforts in behalf of the great work he commenced are most outstanding should receive recognition.

## Stalls for Mules

BAROJA, a Spanish writer, tells a story about an up-to-date Spanish baker, who was building a new bakery. This baker, it seems, planned to use an electric kneading machine in place of the ordinary mule-driven contrivance common at that time. When the building plans were submitted to the city authorities, they were disapproved because no provision had been made for a mule stall. The baker did his best to explain that, since a mule was no longer needed, a mule stall was unnecessary. But without effect; the letter of the law had to be obeyed.

This world is full of "stalls for mules," maintained because those in authority fail to appreciate the uselessness of the particular activity, or do not realize that it might better be carried on in "a better way." The "shell of habit," as Henry Ford aptly calls it, is strong. And it is hard for us to break through it, once this shell has been formed. The mule stall is preserved long after the mule has passed on to more useful employment or, perchance, to the happy land which awaits all faithful beasts of burden at the close of their days of toil.

And nowhere more readily than in industry, with its constantly changing methods and technique, do "mule stalls" come into being. Costly encumbrances they are, and no one is more aware than the management of the price we pay for them.

But supervision, at its best, cannot see everything, and it is up to all of us to watch out for these obstacles to efficient production. If something that is done in your department, or something you do as a part of your own job, appears no longer useful, drop a suggestion into the nearest Suggestion System box. The fewer the "mule stalls" in this Works the better for all of us.

# Secretary Westover Retires; W. W. Trench Succeeds Him

MYRON F. WESTOVER, who for nearly 40 years has been continuously and actively identified with the electrical industry, retired on March 1st, from the office of secretary of our Company, which he has held for 34 years. William W. Trench, assistant secretary, has been elected by the Board of Directors to succeed him.

Mr. Westover was born on a farm near Vinton, Iowa, in 1860. As he grew up he decided to go to college and taught school to obtain the necessary money. He entered the University of Iowa and was graduated from its law school and admitted to the bar in 1882.

He practiced law in his native state for several years, but concluded that for him the East rather than the West was the land of opportunity, and went to Boston in 1886. He had not at that time the slightest intention of joining the electrical industry; in fact, there was then very little electrical industry to join.

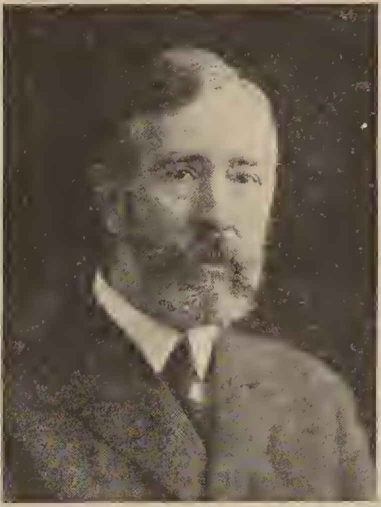
One day a friend told him he had heard that a man named Charles A. Coffin, who was treasurer and manager of the Thomson-Houston Electric Company was in need of a secretary.

"Why don't you apply for the position?" he asked.

But Mr. Westover was not interested—other fields looked too promising. The friend, however, renewed the suggestion. "That Company is having a remarkable growth," he said. So Mr. Westover called on Mr. Coffin, was hired, and thus began, in 1888, a close friendship, as well as a business association that lasted nearly four decades and was terminated only by the death of Mr. Coffin, in the summer of 1926.

In 1893, Mr. Westover was elected assistant secretary of the General Electric Company, which had been organized only the year before. In May of the following year he was elected secretary, succeeding E. I. Garfield, formerly secretary of the Thomson-Houston Electric Company, and has held the office ever since. It is interesting to note that he has spent exactly half of his 68 years in this position.

W. W. Trench


Myron F. Westover

Mr. Westover has always been particularly interested in that part of his work which pertains directly to the employees. He has had charge of all insurance matters, was a collaborator in determining the Company's pension policies and plans, and was a memberof the Pesnion Board from its ioundatfon.

*Gerard Swope, President,*
*120 Broadway,*
*New York, N. Y.*
*Dear Mr. President:*

*I hereby tender my resignation as Secretary of the General Electric Company, to become effective at the pleasure of the Board.*

*I wish to thank the Directors and the Executives of the Company for their many kindnesses. They have been patient with my mistakes, and have freely given praise when it was merited.*

*My business life has been an unusually fortunate and happy one. I have often said, and I firmly believe it to be true, that it has fallen to my lot to work with the finest corporate personnel of this generation.*

*And then the amazing development, outstripping imagination! I am very thankful to have lived in such a period, and to have had the privilege from a ring-side seat to watch the panorama of unparalleled progress, the rapid growth of knowledge and control of natural forces, their use in the industrial arts and their application to the welfare and happiness of humanity.*

*To each and every one I offer my tribute of respect and hearty good will.*

*Faithfully yours,*
M. F. WESTOVER.

It would be difficult to paint a better word portrait of him than that written in 1923 by Russell D. Owen, then editor of THE G-E. *Monogram* and now one of the most prominent reporters of the *New York Times*.

"Myron F. Westover—repository of official knowledge, crack rifle shot, student, lawyer, author, naturalist, geologist, big game hunter, six feet of reticence—rather a different picture than one would be apt to form from merely glancing at the signature which appears on Company statements.

"Add to this a marvelous memory, a ready wit, and an innate sense of justice and fairness which distinguishes all of his dealings with others, and one is apt to glance with more interest at the tall figure which occasionally slips out of his office with the easy movements of an athlete to drop some important letter in the mail chute."

Mr. Westover will leave soon on a long and leisurely tour by automobile through the Southwest.

William W. Trench, who at the age of 36 succeeds him, was born on Staten Island. He has never outgrown his love for salt water or forgotten the skill required to handle the crafts that ply on its surface; for he is an adept sailor.

On completing his high school course he entered St. Lawrence University, where he was very prominent.

He was graduated in 1913 and entered the Brooklyn Law School, studying at the same time in a law office. He completed the course and was admitted to the New York State bar in 1916.

In 1915 he was appointed assistant to Owen D. Young, who at that time was a vice president of our Company and is now chairman of the Board of Directors, and in December, 1916, was elected an assistant secretary of the Company.

Then came the war. Mr. Trench did not wait for a commission, reasoning that if he deserved one he would probably get it ultimately—as he did. He enlisted in the Navy as a "gob." When the commission arrived, it found him a signal quartermaster on a mine sweeper off the coast of France. The commander of the craft had been relieved from duty and the executive officer had been invalided home. No uniform accompanied the commission and the newly appointed Ensign assuming command had to mount the bridge in his petty officer's outfit. His first official job was to get the sweeper out of a difficult berth, with several obstacles in the way. He did it—with his own crew and the rest of the sweeper fleet looking on—and, in spite of the fact that he had never handled a large boat before, took it out for a three-days' cruise. Later, he was transferred to the staff of T. P. Magruder, then a district commander in France, with whom he completed 18 months of foreign service.

On being mustered out, he returned to General Electric and on April 11, 1919, was re-elected assistant secretary. Shortly afterward he was transferred to Schenectady, where he has since remained. He has spent much of his time on special surveys and investigations, particularly of affairs affecting employees of the Company. One of his tasks was to organize the Charles A. Coffin Foundation, of which he is secretary. The methods by which the purposes of the Foundation are carried out are largely the results of his work. He is also secretary of the G-E Employees Securities Corporation, a member of the Pension Board, and a trustee of the General Electric Pension Trust and of the Schenectady Relief and Loan Plan. He was commander of Schenectady Post of the American Legion for two years and has served for five years as a member and secretary of the City Planning Commission of Schenectady. He was one of the organizers and is the first secretary of the Schenectady Bureau of Municipal Research, and is genuinely and earnestly interested in whatever makes for civic betterment. Genial, democratic, far-seeing and broad-gauged, with a wealth of human sympathy joined with unquestioned ability, he is an outstanding and popular figure.

## Supplementary Compensation is Distributed

SUPPLEMENTARY compensation totaling $1, 497,348.96 was distributed recently to 33,600 factory and office employees who have been in the employ of the Company for five years or more. The distribution was based on five per cent of the employee's earnings for the six months from July 1 to December 31, 1927. Of the total amount $462,380.00 was paid in G.E. employees Securities Corporation bonds, and $1,034,968.96 was paid in cash.

Distribution was as follows:

| | |
|---|---|
| General Office | $65,551.59 |
| Incandescent Lamp Dept | 140,638.74 |
| Merchandise Dept | 4,722.57 |
| Electric Refrigerator Dept | 821.81 |
| District Offices | 109,902.31 |
| Works: | |
| Schenectady | 478,252.05 |
| River Works | 209,017.57 |
| West Lynn | 70,661.15 |
| Pittsfield | 133,307.35 |
| Erie | 88,118.30 |
| Fort Wayne | 98,999.09 |
| Bloomfield | 29,352.02 |
| Philadelphia | 18,570.43 |
| Bridgeport (including New Kensington | 27,627.07 |
| Baltimore | 17,747.98 |
| York, Oakland, Rochester | 4,058.93 |
| Total | $1,497,348.96 |

## Motor Campaign Started

A SPECIAL sales campaign by the Industrial Dept. of our Company began yesterday and will continue throughout this month. This campaign is to call attention to the design, construction and application of General Electric direct-current motors of any size for any service. It will feature the well-known Types BD and CD general purpose motors, which range from ½-hp. to 200-hp.

A big publicity drive in support of the campaign will be conducted. The program provides for space advertising in 34 of the leading industrial magazines; a direct-by-mail campaign to customers and prospective customers; motor stickers for attaching to letters, and film-slide lectures illustrating the many excellent characteristics of these motors. Our three broadcasting stations, WGY of Schenectady, KOA of Denver, and KGO of Oakland, will give "reminder announcements" on the subject at intervals during the month. The G-E exhibit at Atlantic City will also have a window display of our D-c. motors.

This campaign is typical of the work that is being done constantly by our commercial men to sell the equipment that is being built in the shops. The shop men must depend upon salesmen for the orders which keep the shops busy. But the salesmen, in turn, can get no orders if the quality of the equipment is not always of the highest.

## G-E Scores

OF the 50 ships of the Shipping Board Fleet which have been placed on the United States Shipping Board (Merchant Fleet Corporation) Honor Roll, 26, or more than half, were equipped with General Electric propulsion machinery. Of these 26 ships, 25 are driven by G-E geared turbines and one is driven by G-E electric drive.

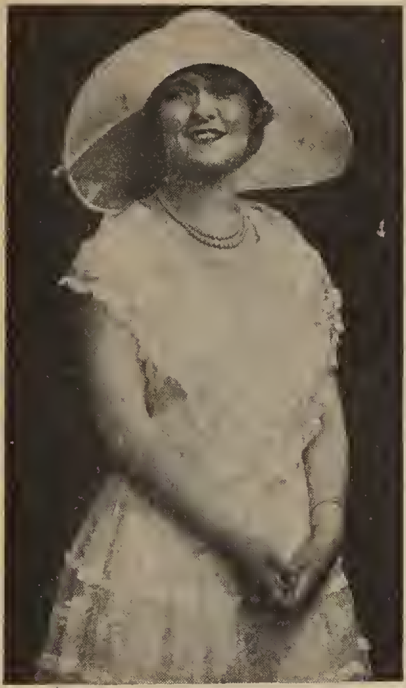
To secure a place on this honor roll a vessel must have traveled at least 20,000 miles during the six months period covered, and must have maintained the combined port and sea efficiency of 95 per cent of the best of its class.

### Suggestion System Summary, 1927

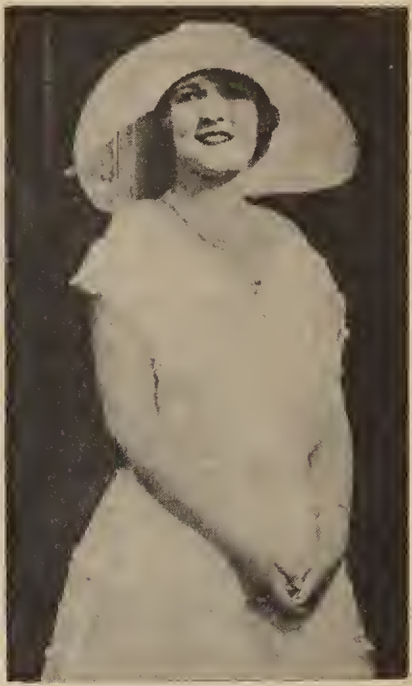
| Works | NO. SUGGESTIONS RECEIVED | | NO. SUGGESTIONS ADOPTED | | TOTAL AWARDS | | HIGHEST AWARD | |
|---|---|---|---|---|---|---|---|---|
| | 1926 | 1927 | 1926 | 1927 | 1926 | 1927 | 1926 | 1927 |
| Baltimore | 347 | 372 | 126 | 128 | $562 | $601 | $25 | $35 |
| Bloomfield | 271 | 338 | 95 | 131 | 1310 | 1140 | 135 | 45 |
| Bridgeport | 509 | 640 | 171 | 190 | 1650 | 2280 | 75 | 100 |
| Erie | 1434 | 1573 | 495 | 590 | 2784 | 3023 | 460 | 260 |
| Fort Wayne | 2315 | 3312 | 607 | 853 | 6225 | 7140 | 200 | 100 |
| Oakland | 113 | 59 | 28 | 18 | 92 | 62 | 15 | 10 |
| Philadelphia | 657 | 1038 | 121 | 220 | 1022 | 2404 | 100 | 200 |
| Pittsfield | 1503 | 1919 | 505 | 617 | 5620 | 6725 | 155 | 300 |
| River Works | 1474 | 1331 | 670 | 549 | 5875 | 5110 | 1000 | 275 |
| Schenectady | 4253 | 3720 | 1310 | 1228 | 20130 | 20780 | 500 | 500 |
| West Lynn | 827 | 757 | 277 | 289 | 3130 | 2302 | 250 | 150 |
| Total | 13703 | 15059 | 4405 | 4913 | $48400 | $51567 | $1000 | $500 |

# Sending Photos by Radio

## *Dr. Alexanderson Devises Greatly Simplified Method of Doing It*



**Photographer Made This**



**Radio Made This**

THE broadcasting of photographs by radio and the reception of such pictures on a small and simple outfit in the home, attached to an ordinary radio receiver in much the same manner as a loud speaker, was publicly demonstrated for the first time recently.

The demonstration was conducted by the National Broadcasting Company over station WEAF on its regular wave length, the photographs which were broadcast being received in the home of Dr. A. N. Goldsmith, an official of the broadcasting company, at his home 25 miles from the antenna. Listeners tuning in on WEAF during the picture transmission heard a wavering note or high frequency squeal, sustained for a period of but 90 seconds, the time required to send a picture 4½ by 8 inches.

The apparatus used for this demonstration was developed by Dr. E. F. W. Alexanderson, consulting engineer of our Company and member of the board of consulting engineers of the broadcasting company. Dr. Alexanderson, it will be remembered, also did the most important work on home television, the new and revolutionary broadcasting development which was described in the February 3rd issue of this magazine. Thus two of the most outstanding developments in the history of radio broadcasting, both of them announced within a month of each other, must be credited to Dr. Alexanderson.

"This successful transmission and reception of photographs heralds a wonderful new achievement and forecasts an altogether new and interesting phase in the radio art," M. H. Aylesworth, president of the National Broadcasting Company, stated at the time of the demonstration. "While the sending and reception of pictures by radio has been done before in an experimental way in our laboratory this is the first time a broadcasting station, using its regular wave length, has publicly demonstrated the feat.

"Just what the field will be for this development, we do not know. It provides a means for our vast radio audience to see the artists who broadcast. A picture, taken in our studio, can be transmitted into the home in a minute and a half, either before or just after an artist has broadcast. Perhaps we might send a picture of our detailed printed program for the day at an early hour each morning. Time will reveal many other possibilities."

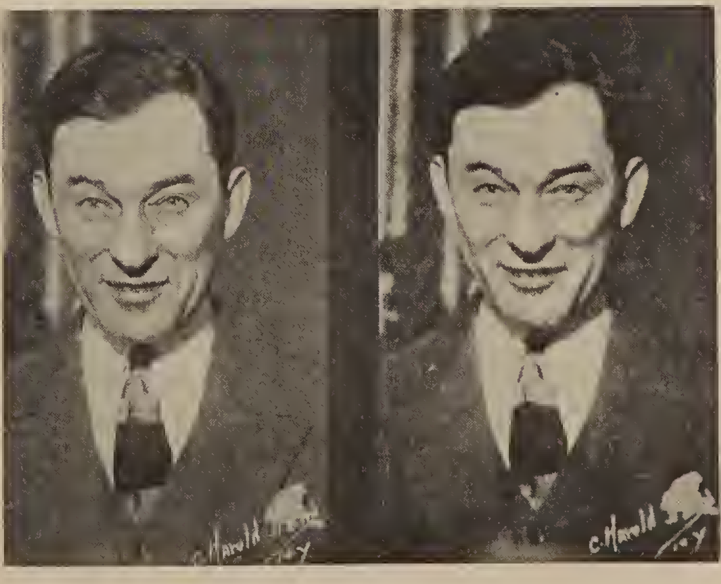
The apparatus for transmitting the pictures consists of a small automobile headlamp, a rotating cylinder on which the photograph is wrapped, a small synchronous motor geared to the cylinder, a revolving disk and a photo-electric cell.

The light from the automobile lamp is focused through a lens onto the revolving picture. The image as reflected by a beam of light is broken by the serrated or notched edge of the revolving disk and falls upon the photo-electric cell. This converts the light waves or impulses into electrical impulses, which are then amplified and transmitted through an antenna just as the radio sound waves are today.

At the receiving point the apparatus is much simpler. It consists of a standard radio receiver, a loud speaker, a rectifier, a Moore neon gas lamp, a revolving cylinder housed in a light-tight box and a synchronous motor geared to the cylinder.

The radio receiver detects and amplifies the incoming signal. The electro-magnetic waves are then carried to a small box containing a transformer, rectifier and amplifying tubes and then to the Moore neon lamp, whose light beam varies with the intensity of the electric waves. The beam from this lamp is projected through a lens into the box housing the revolving cylinder, on which a sheet of ordinary photographic paper has been wrapped. As this

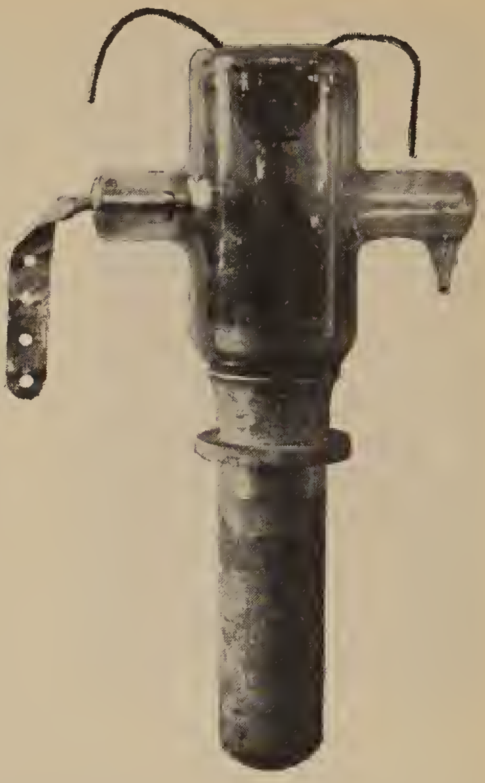
*(Continued on page 11)*



JIMMIE'S FACE SURVIVED
*Left:* The Original Photo; *Right:* The Radio Photo

# A Scientific Spook

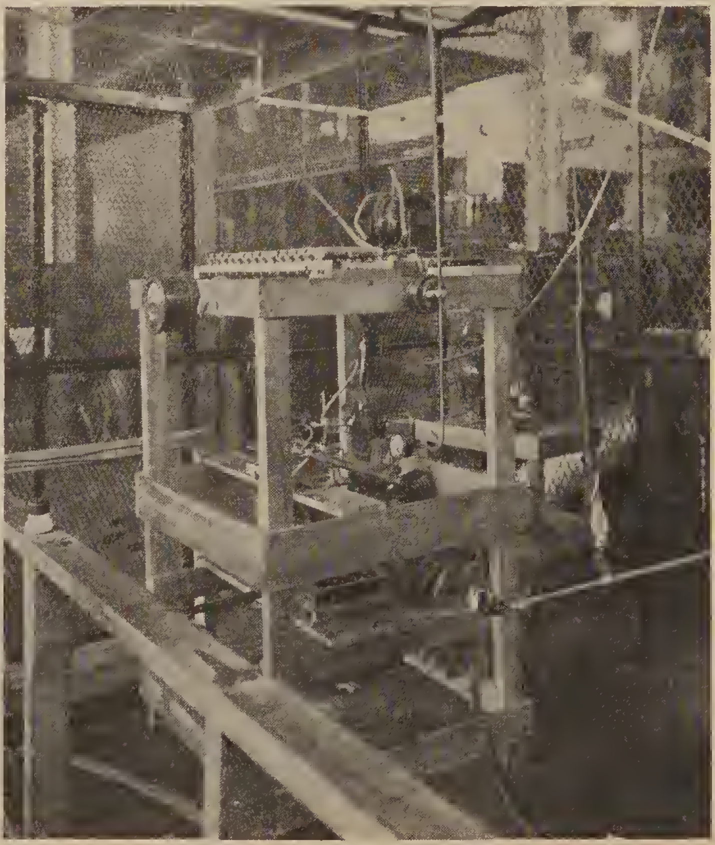
## *A Newly Developed Vacuum Tube Performs All Kinds of Startling Tricks*



AN incandescent lamp, taken fresh from its carton, lights to full brilliancy without wires or socket; a copper bar lying on the floor blisters the hand that picks it up, though the metal is cold; a neon tube suddenly floods the room with its lurid red glow when merely touched by a spectator—these and many other strange freaks are produced by a new high-frequency radio tube recently developed by engineers of the Schenectady Research Laboratory.

Meters in adjacent rooms run wild, and delicate measuring instruments are twisted or broken, so that all accurate scientific work in the vicinity is impossible. Investigators, coming too close to the new apparatus, suddenly feel a comfortable warm glow reminiscent of prohibited stimulants, and then increasing pain in limbs and joints. Rats in a cage placed close to the radiating wire become excessively animated for a time; but if exposed too long they die. These and many less spectacular effects are incidents in the operating tests which are now being conducted with the tube.

The cause of all these remarkable phenomena is an innocuous looking vacuum tube, five inches in diameter and about two feet long, set down in a wooden cage, and surrounded by a network of wires, condensers, and electric meters. The tube for those who seek technical information operates as a self-excited oscillator on a wave length of six meters, and is capable of radiating from ten to fifteen kilowatts of high-frequency power—probably fifty times as much as any short-wave tube has heretofore been able to produce. The tube is connected through a coupling system to a copper bar approximately three meters long, which constitutes the tuned aerial circuit, and is able to radiate into space the full 15 kilowatts generated by the oscillator.



The "Spook" in Its Cage

Several interesting physiological effects have already been noted in connection with the new high-frequency tube. Fruit flies and rats have been studied with reference to the effects of the field, and other experiments are now under way. At a frequency of about 50 million cycles, a salt solution can be heated in a glass tube placed very close to the high-frequency generator, and at approximately this frequency the solution corresponding in strength to blood serum is heated most.

Men working near the apparatus have noticed warming effects, increasing as they approached closer to the generator. Medical observations were made of several men placed near enough to the radiating antenna to make measurements of changes in bodily temperature possible. It was found that the blood temperature rose to nearly 100 degrees F. in about fifteen minutes, after which period the experiment was stopped.

"No one can safely predict or promise a utility for such new things", said Dr. W. R. Whitney, director of the Research Laboratory, "but it is clear that further experiments must be carried out. It may be assumed that if we had a perfectly harmless method for warming the blood it might have value, because fevers are sometimes artificially produced in order to start convalescence, and it may well be as some assert that raised blood temperature, or fever, is one of nature's factors in recovery from infectious diseases."

Among the "stunts" demonstarted with the high-frequency apparatus was "radio cooking." A wire was suspended over a table at some distance from the radiating aerial, and parallel to it. A sausage, placed in a glass tube, was hung from the end of this receiving aerial, and in a few minutes it began to steam. On being removed, the "wienie" was found to have been beautifully cooked by the high-frequency currents induced in it, although no flames or other visible means of heating were applied. A fry-less fried egg was also prepared in the glass tube, and served hot to the spectators, but since the egg was an inexpensive one obtained for experimental purposes, no one offered to test its excellence. An apple was impaled upon the end of the receiving aerial and in a short time was thoroughly baked to the core.

With a slightly different set-up cookies were baked and water boiled by the induced currents received through space. The fact that only a small fraction of the 20 hp. delivered went into this cooking, detracted not at all from the novelty of it.

Most striking of the short-wave effects was the standing electric arc, a close imitation of the famous ball of fire reputed to accompany tropical thunderstorms. The operator touched the end of the radiating aerial with a metal tipped pole, and immediately a greenish white arc arose to a height of a foot or more. When the pole was removed the arc remained, like a plume of fire, sputtering and sending molten copper in all directions until blown out. By skillful manipulation as many as three of these arcs were established simultaneously along the aerial, giving the appearance of a row of flaming gas jets. No more extraordinary sight could be imagined than a powerful electric arc, representing thousands of volts, standing entirely by itself on the end of a wire without visible return circuit. Smaller standing arcs of this nature were established on the ends of a receiving aerial several feet from the radiating system, demonstrating the transmission of power currents through space.

"This 6-meter tube has nothing new in principle," said H. J. Nolte, actively engaged in high-power vacuum tube development. "Very short radio waves have always been easy to produce at low power. Also, very high power has for some time been available at the longer wave lengths. This is the first time, however, that we have been able to combine the two so as to get relatively large power outputs on the short wave lengths. This new tube is a step in the development of short-wave radio transmission, on which we have been intensively engaged for several years. At present we can generate the power, but we have not yet devised a method of controlling its frequency within the close limits necessary for commercial operation."

The Standing Electric Arc

When asked what plans were under way for the future of the high-power short-wave investigation, L. A. Hawkins, executive engineer of the Research Laboratory, said: "We have no definite plans for this investigation. The proposition was to build a high-power tube of this type, and our time has so far been taken entirely with the development of the apparatus itself. Vacuum tube technique had to be improved considerably before it was possible to design and produce an oscillator which would give the large power output we were seeking. We have not studied the applications of the new tube at all, except to make a record of the interesting sidelights which its operation has brought out. The demonstrations indicate that many of the high-frequency phenomena may be worth investigating, and it is likely that in the future applications will suggest themselves, as they always do when a new field is entered."

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## Pictures by Radio

*(Continued from page 9)*

revolves in synchronism with the sending cylinder, the neon light literally paints the picture on the paper, which is then taken out and developed just as any photographic print.

Instructions from the transmitting station are given before each picture is sent. These are picked up by the loud speaker on the receiving end. A small milliammeter on the box containing the transformer and the amplifying unit indicates to receiving operator when his picture receiver is properly framed and set to the correct intensity strength for tone shades. Only a minute or two are required to adjust the receiver for the picture.

*Play Safe!*

The neon gas lamp is a development by D. McFarlan Moore, of the G-E Edison Lamp Works. It is similar to the neon lamp which made home television possible. Its use in the radio photograph receiver eliminates the necessity for the elaborate and expensive oscillograph, which heretofore has kept the receiving of pictures by radio a laboratory process. In developing this receiver, Dr. Alexanderson has done much the same as he did in his television work—simplified the apparatus so that it can be used in the home.

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## Patents Granted

THE following employees of the General Electric Company have been granted patents by the United States Government since the last issue of the WORKS NEWS.

*Schenectady:* Harold W. Brown, electromagnets; William D. Coolidge, X-ray apparatus; Herman J. H. Huber, (2), electric switches, grounding and testing arrangements; Campbell Macmillan, (2), power systems, electric ship propulsion; David C. Prince, electric systems; Lewis T. Robinson, mercury rectifiers; Matthew G. Rockefeller, door mechanisms; Harold W. Rogers and Edward H. Horstkotte, regulator systems; Gorton R. Fonda, zirconium alloys; Truman S. Fuller, electrical contacts; Chester W. Rice, radio receiving systems; Charles P. Steinmetz*, lightning arresters; Peter W. Forsberg, protective systems for electric circuits; Raymond B. Prindle, electric furnaces; Michael Renner, vacuum tubes; Oliver C. Traver, signaling systems; Albert G. Davis, electron-discharge apparatus; Charles A. Hoxie, electrical apparatus; Carl L. Ipsen, heat treatment of metals; Oliver C. Traver, circuit-controlling devices; George W. Bower, electric-current collectors; Charles C. Clymer, motor control; Alfred C. Finney, electric control systems; Paul R. Fortin, connectors for electric conductors.

*Lynn:* Reginald G. Standerwick and David C. Pfeiffer, governing mechanism; Cromwell A. B. Halvorson, Jr., (2), lighting units and reflectors therefor, light projectors; Levi B. Miller, (2), alternating-current rectifiers, machines for forming plastic material; Reginald G. Standerwick, (2), regulating mechanism for elastic fluid turbines, regulating mechanism for turbine-driven centrifugal compressors.

*Erie:* Max R. Hanna, (2), brushes for dynamo-electric machines, electric protective devices.

*Pittsfield:* Frederick F. Brand, variable-ratio transformers; Eugene D. Eby, capacitance transformers.

*East Orange:* D. MacFarlan Moore, methods and apparatus for maintaining gaseous conduction discharges.

*Cleveland:* George E. Inman, methods and apparatus for treating filaments.

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* Deceased.

# Do You Know About the Free Nursing Service?

DOES the Nurse visit you when you are sick?

She should.

It is believed that full advantage is not being taken of the opportunity for free nursing service, which is offered to the many employees of the Company who have free or additional insurance.

The free and additional insurance which the General Electric Company offers to its employees is offered by arrangement with the Metropolitan Life Insurance Company. The insurance policies which employees hold under the G-E plan are actually policies with Metropolitan Life.

The Metropolitan Life Insurance Company has long offered, as one of the special features of its policies, the privilege of free nursing service for any of its policy holders who are sick or injured in any way. This free nursing service has been mentioned many times, but a number of occasions have come to light recently when the service might have been used but wasn't.

The nursing service, of course, includes only calls. If you are ill, a visiting nurse will drop in as many times as necessary, performing many of those little services which only a nurse knows how to do properly. She will tell you whether you need a doctor, or whether proper home attention will be sufficient. And she will instruct those who must care for you at home in the proper methods of doing it.

It should be remembered that this nursing service extends only to policy holders and not to the entire family of the policy holder.

It is easy to make use of the nursing service. When you are ill and must stay home, just call the Industrial Service Dept. The nurses will then be informed immediately and you will be called upon promptly.

| Years | Date of Death | Employees | Age | Beneficiary | Free Ins. | Add'l Ins. |
|---|---|---|---|---|---|---|
| *Schenectady Works* | | | | | | |
| 18 | Nov. 7 | Phillip H. Dumas | 61 | Wife | Yes | Yes |
| 12 | Dec. 27 | Catherine M. Maroney | 57 | Dep. Sister | Yes | Yes |
| 28 | Jan. 13 | Robert T. Dietz | 61 | Wife | Yes | Yes |
| 4 | Nov. 28 | Leon Montvillo | 50 | Estate | Yes | Yes |
| 27 | Jan. 12 | Elmer E. F. Creighton | 55 | Mother | Yes | Yes |
| 26 | Jan. 23 | Samuel McConchie | 49 | Wife | Yes | Yes |
| *River Works* | | | | | | |
| 20 | Sept. 25 | Cyrus Price | 66 | Estate | No | No |
| 3 | Jan. 3 | Victor J. Parent | 25 | Mother | Yes | Yes |
| *West Lynn Works* | | | | | | |
| 2 | Dec. 25 | Douglas Gordon | 33 | Wife | Yes | Yes |
| 32 | Jan. 6 | Charles A. Gunn | 49 | Son | No. | Yes |
| *Fort Wayne Works* | | | | | | |
| 2 | Dec. 1 | Bessie L. S. Hoblet | 21 | Estate | Yes | No |
| 25 | Nov. 27 | Ludwig Genthner | 68 | Wife | Yes | Yes |
| 18 | Dec. 16 | Jacob F. Hoelle | 63 | Wife | Yes | Yes |
| 26 | Jan. 6 | William H. Bierbaum | 52 | Wife | Yes | Yes |
| *Erie Works* | | | | | | |
| 5 | Dec. 20 | Hugh McKiernan | 59 | Wife | Yes | Yes |
| *Pittsfield Works* | | | | | | |
| 3 | Jan. 10 | Albert N. Croteau | 37 | Wife | Yes | Yes |
| 7 | Nov. 17 | Luther B. Hall | 24 | Mother | Yes | Yes |
| *Bloomfield Works* | | | | | | |
| 9 | Jan. 17 | William D. Zink | 62 | Wife | Yes | Yes |
| *Bridgeport Works* | | | | | | |
| 2 | Sept. 6 | John Hurtick | 44 | Wife | Yes | Yes |
| *General and District Offices* | | | | | | |
| *Boston* | | | | | | |
| 16 | Dec. 29 | Frank E. Wilson | 76 | Wife | Yes | No |
| 26 | Dec. 26 | Charles H. Bolton | 52 | Dep. sister | Yes | Yes |
| *Schenectady* | | | | | | |
| 39 | Jan. 10 | Allen H. Moore | 63 | Daughter | Yes | Yes |
| 27 | Jan. 22 | Edward A. Johnson | 62 | Wife | Yes | Yes |
| *Denver* | | | | | | |
| 29 | Jan. 5 | Robert Miller | 48 | Wife | Yes | Yes |
| *Cincinnati* | | | | | | |
| 21 | Jan. 26 | Clinton L. Smith | 52 | Wife | Yes | Yes |
| *Philadelphia* | | | | | | |
| 6 | Nov. 29 | John P. Bowes | 57 | Dep. sister | Yes | Yes |
| *New Kensington Works* | | | | | | |
| 1 | Dec. 23 | Ralph A. Givens | 43 | Wife | Yes | Yes |
| *Incandescent Lamp Dept.* | | | | | | |
| 4 | Jan. 10 | Daniel Gray | 53 | Wife | Yes | Yes |
| 4 | Jan. 15 | Marie N. Woods | 20 | Parents | Yes | Yes |
| 40 | Jan. 20 | George S. MacKay | 61 | Wife | Yes | Yes |
| 7 | Jan. 14 | Edward Walsh | 66 | Wife | Yes | Yes |

| | Free Insurance | | Additional Insurance | |
|---|---|---|---|---|
| | No. | Amount | No. | Amount |
| Claims paid month of January, 1928 | 28 | $33,350.00 | 29 | $67,500 |

Total claims paid since Nov. 16, 1925 ........ $1,673,998.69

## Inter-works Safety Contest

A RATHER complete shakeup of positions in the Inter-works Safety contest is shown in the January report. Practically every plant has changed its position, some going up the scale and some down. The Philadelphia and York plants went through the month without a lost-time accident, and retain their leading positions in group one. The Schenectady plant has come up from last to fourth position in group two. The present standing of the plants is as follows:

| DIVISION 1 | DIVISION 2 |
|---|---|
| Philadelphia | Baltimore |
| York | Erie |
| Bridgeport | ALL PLANTS |
| West Lynn | Schenectady |
| Bloomfield | River Works |
| Fort Wayne | New Kensington |
| Oakland | Pittsfield |

# GIRLS' SECTION

## The Federation Banquet

THE gym at the Y.W.C.A. presented a lovely appearance to those fortunate enough to attend the Federation banquet held there on February 15th. Streamers of green and white crepe paper formed a canopy over the beautifully decorated tables. As usual, Elex Club had the largest number present of any one club.

Bouquets of yellow jonquils and white carnations were used to decorate the two tables surrounded by Elex Club girls and their guests. Dainty crepe-de-chine and georgette hand-painted handkerchiefs in many hues were arranged at the places and served as favors, also. Mr. and Mrs. E. A. Barnes, Mr. and Mrs. W. J. Hockett and Mrs. Walter Kent, club advisor for Elex, were guests of the club.

The delicious chicken dinner, interspersed with lively songs and yells, was served at 6:30 p.m. Between courses tiny tots from the Y.W.C.A. children's dancing class entertained with dances.

Goldie Heller, president of the Federation, had charge of the program which followed the dinner. The program was opened with a toast to the guests given by Irene O'Connell, first vice president of Federation. E. A. Barnes responded to this toast. This was followed by a toast to the Y.W.C.A. by Marie Blough, of Elex Club. Mrs. Page Yarnelle, president of the Y.W.C.A. responded. Next came a toast to all club officers by Celeste Etzler, second vice president of Federation, with a response from Lenora Schoppman, president of Elex Club. Mrs. J. S. House, chairman of the Industrial Committee, gave a toast to the Federation and Goldie Heller responded. A toast to the National Assembly of Industrial Federation was presented by Mrs. Walter Kent and responded to by Blanch Adams, who is our delegate to the National Assembly which meets at Sacramento, California, in April. Miss Hawkins, general secretary of the Y.W.C.A., gave an address. Elida Fries, Alma Boerger and LaVera Vail, all three Elex members, sang as a trio, with Ruth Riehl accompanying at the piano. Mrs. Frances Long delighted everyone by presenting some amusing and entertaining readings. Then came banjo and song numbers by Ruth Sweitzer, of Elex Club, and a younger sister of Ruth's who is a high school student. A style show, dear to every feminine heart, was presented by models from the Style Shop, and every girl present surely must have found something to suit her individual taste among the array of charming coats, suits, dresses, hats and shoes displayed by these clever models. The song "Follow the Gleam" sung by the group, completed the program.

Elex Club contributed her share toward making the banquet a success, and much credit is due the girls who so willingly and ably took part in the program that was presented.

## Transformer Dept. Bride Honored

CELEBRATING her approaching marriage, friends and co-workers of Louise Grossman, Radio Transformer Dept., Bldg. 26-2, honored her with a surprise dinner at the noon hour on January 31st. Louise received a lovely gift from the girls expressing their esteem and good wishes. Present were Hazel Newport, Tessie Winefer, Adeline Grossman, Jennie Wright, Edith Berg and the honor guest.

## Theater Party

ON February 10th, a group of our girls had a theater party at the Majestic Theater and afterwards a delightful lunch at Ewing's. Mrs. Bertha Heller was an honor guest and the girls presented her a lovely gift in remembrance of her birthday which had passed a few days previous to the party. Those present were: Mrs. Heller, Edith Schreiner, Viola Haggerty, Gladys McMillen, Florence Beneke, Dewey Wickliffe, Mavel Liggett, Corrinne Schreiner and Edna Etzler.

## Dinner Party

A GROUP of girls employed in the Fractional Hp. Motor Engineering Office, Bldg. 4-4, enjoyed a dinner at the Mandarin Cafe, and afterwards saw the play at the Majestic Theater, on January 31st. Clara Ankenbruck, Faye Johnston, Magdalen Welch, Hildegarde Hormel, Mabel Kroemer, Dorothea Falls, Loretta Krauhs and Constance Dailey made up the party.

## Edna Etzler Entertains TNT Club

EDNA ETZLER, Bldg. 19-2, was hostess to the members of the TNT Club at their regular monthly meeting, February 13th, at the home of Mrs. Louise Geller on Indiana Avenue. The evening was spent playing progressive bunco, prizes being won by Edith Schreiner, Viola Haggerty, Dewey Wickliffe and Corrinne Scheiner. Later in the evening a delicious lunch was served, the appointments being carried out in accordance with St. Valentine's Day. Those present were: Florence Beneke, Bertha Heller, Dewey Wickliffe, Ireta Erwin, Edith Schreiner, Corrinne Schreiner, Viola Haggerty, Bertha Heckler, Gladys McMillan and the hostess.

## Weddings

### Misegades—Parmenter

On January 22nd, Edgar Misegades, Meter Engineering Dept., and Lavon Parmenter, of the Lincoln Life Insurance Co., were united in marriage. The ceremony was performed in the Plymouth Congregational Church with Rev. Arthur J. Folsom officiating. Edna Parmenter, sister of the bride, and Homer Slifer were the attendants. After the ceremony a wedding dinner was served at the Miller tearoom. Later in the evening Mr. and Mrs. Misegades left for Detroit to spend a week's honeymoon. The home address of this popular young couple is 912 Lake Avenue.

### Hauter—Kratzman

On January 28th, Grace Kratzman, Fractional Hp. Motor Sales Office, Bldg. 18-3, became the bride of Leonard Hauter, of Toledo. The service was read in the Rectory of St. Patrick's Catholic Church. Mr. and Mrs. Hauter will make their future home in Toledo, Ohio.

### Aspy—Neireiter

Violet Neireiter, Blue Print Dept., Bldg. 18-5, and Gerald Aspy, Transformer Dept., Bldg. 26-1, were married by Rev. A. P. Bourns, at the parsonage of Westfield Presbyterian Church, on February 4th. Following the ceremony a wedding supper was served at the home of the groom's sister, Mrs. Hiram Clark, 1637 Rumsey Ave. Mr. and Mrs. Aspy now reside at 1005 Sherman St

### Bergoon—Grossman

Marriage vows were pronounced by Louise Grossman and Samuel Burton Bergoon on February 4th, the service taking place in the parsonage of Emmaus Lutheran Church with Rev. Fred Wambsganns officiating. Grace Hart and Albert Manochio attended the young couple. Immediately following the ceremony the couple left for Detroit on a short wedding trip. For the present Mr. and Mrs. Bergoon are at home with the bride's parents at 920 Cottage Avenue. Mrs. Bergoon is employed in the Radio Transformer Dept., Bldg. 26-2, and Mr. Bergoon is an interior decorator and painter in business with his father.

## Stenographers and Typists' News

### Some Pointers on How Not to be a Stenographic Success

By Florence E. Ulrich in *The Gregg Writer*

Arrive at the office late every morning and then take the time to go out and powder your nose.

* * *

Tap your pencil on the desk, or gossip with some of the other members of the office, while taking dictation.

* * *

Get loans on your salary, and, if possible, your whole salary in advance.

* * *

Have your beaux call you up on the telephone as many times during the day as possible. It relieves the monotony.

* * *

Explain politely that you are a secretary, with emphasis on *secretary*, and *not* a porter, when you are asked to refill your boss' ink-well.

* * *

Show him that you know more about his business than he does, and don't hesitate to be saucy in telling him so.

* * *

If he makes a correction on the letter you transcribe for him, produce your notebook and prove to him that you have written *exactly* what he said.

* * *

Procrastinate in doing the things that you are asked to do, and forget them if you can. After all, they were little things and not important.

* * *

And last but not least, volunteer as much information to your friends about your employer's business as you can; and, if there is anything you fail to hear that you think might be of interest to them, ask him about it.

* * *

Concern yourself as much as possible with his personal affairs, and gossip about him among the other employees.

* * *

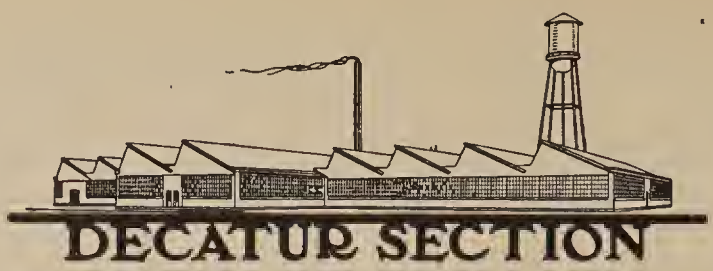
Develop a grouch against him and against the business in general, and keep it.

* * *

After all, there is plenty of room on park benches for unemployed "stenographers," and you can retire as soon as you want to.

## Deaths

MRS. Nannie Valodine, a matron in the office, Bldg. 18, died at her home, 2513 Thompson Ave., January31st. For the past five months Mrs. Valodine had been ill and unable to be at work. She first came to work here on October 22, 1918, working under E. A. Sivits as a matron and continued to work as a matron all the time she was with the Company, having a service record of a little more than nine years. Funeral services were held at the home on February 3rd, burial being made in Lindenwood.



## DECATUR SECTION

### Firemen Have Good Time

THE monthly banquet, business meeting, and social hour of the local Fire Dept. were held February 6th in the clubroom at the local plant. The delicious three course dinner was planned by Albert Fruechte and Francis Eady and served by Mrs. Dorwin. After the dinner a short business meeting was held and the boys then adjourned to the firemen's clubroom for a session of fan tan and pool.

### Minstrel Show to be Given

REHEARSALS are being held for a minstrel show sponsored by the Decatur G-E Band, to be given at the high school auditorium at Decatur Monday and Tuesday evenings, March 19th and 20th. Talent for the production is being selected from the ranks of the band and the local shop. Cash Lutz is slated for the leading role. Anyone who has been associated with Mr. Lutz knows that he is a star actor. Music for the production will be furnished by the shop orchestra.

### A Valentine Party

ALTA BREINER and Ethel Durbin were hostesses at a Valentine dinner for Gecode Club girls in the club rooms of the local plant on February 9th. Florence Lichtenstiger and Leota Burnett were the recipients of beautiful prizes which they won in a heart contest.

### Weddings

Marie Meyers, Winding Dept., and Chad Hower surprised their many friends by announcing their marriage January 28th, at the home of Mrs. Hower's mother at Vera Cruz, the Rev. Scherry officiating. Mr. and Mrs. Hower will be at home to their many friends at North Third St., Decatur.

### Births

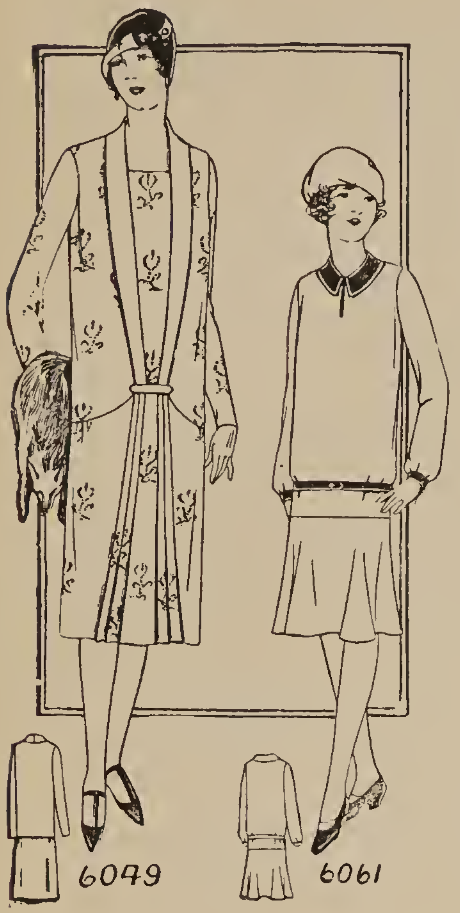
Mr. and Mrs. Lohnas McClure announce the arrival of a new member in their family, Carl Junior, born January 13th. Many Decatur employees remember Mrs. McClure as Alta Bowen, a former employee of the Winding Dept., while Lohnas is an employee of the Black Armature Dept.

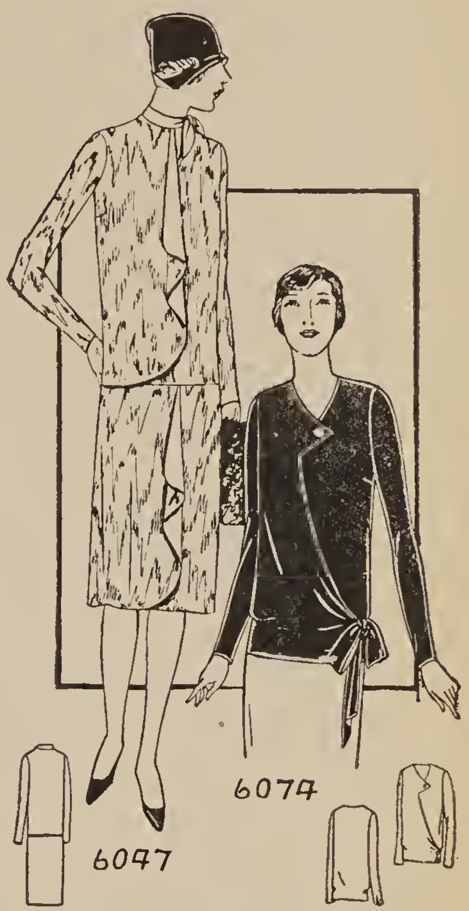
### Among the Sick

Clyde Hitchcock has returned from the Robert Long Hospital, Indianapolis, where he was entered for medical treatment.

Miles Roop is with us again after an extended illness.

# *Inexpensive Patterns for Home Dressmaker*





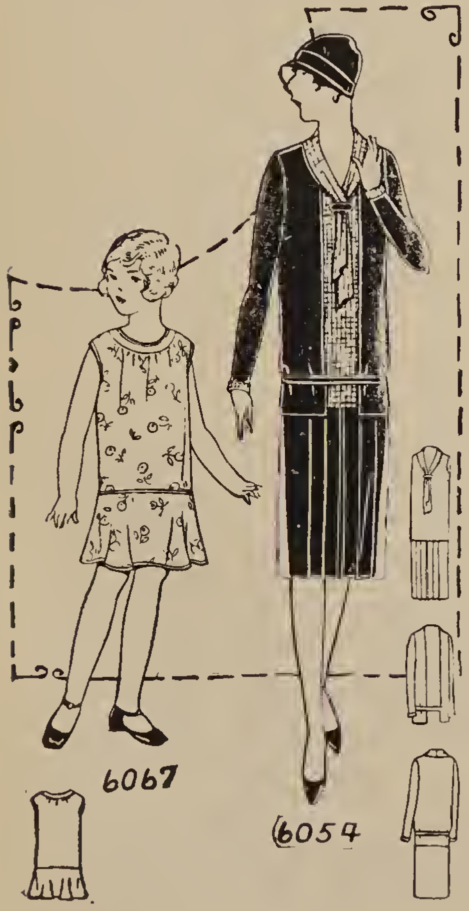
6049. Ladies' dress with slender hips. Cut in 8 sizes: 38, 40, 42, 44, 46, 48, 50 and 52 inches bust measure. A 44-inch size requires 4⅛ yards of 39-inch material together with ⅜ yard of contrasting material for facing on collar, and tab cut crosswise. If cut lengthwise 1⅛ yards 15 inches wide is required. The width of the dress at the lower edge with plaits extended is 2⅜ yards.

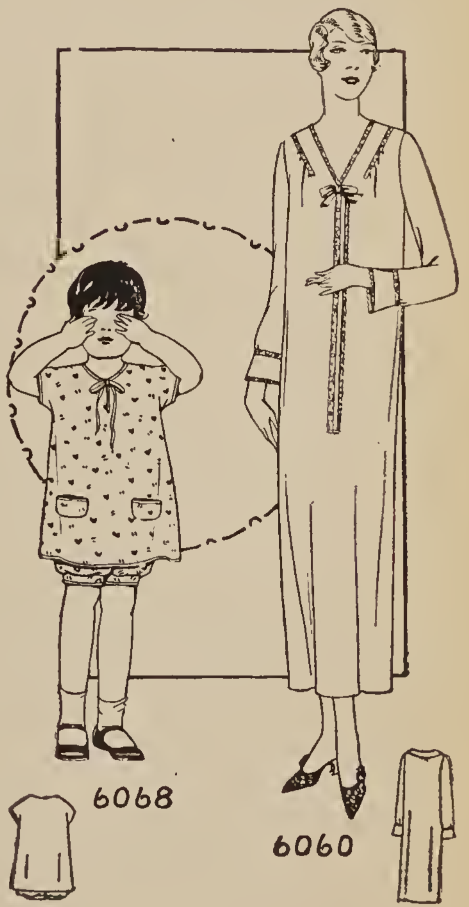
6061. Girls' dress, cut in 4 sizes: 8, 10, 12 and 14 years. A 12-year size requires 2¾ yards of 39-inch material together with ⅜ yard of contrasting material for facing on collar, cuffs and belt, cut lengthwise.

6047. Ladies' dress, cut in 6 sizes: 34, 36, 38, 40, 42 and 44 inches bust measure. A 38-inch size requires 3⅝ yards of 39-inch material together with one yard of contrasting material. The width of the dress at the lower edge is 51 inches.

6074. Ladies' blouse, cut in 6 sizes: 34, 36, 38, 40, 42 and 44 inches bust measure. A 38-inch size requires 2½ yards of 39-inch material if made with the sash end. If made without the sash end 2⅜ yards will be required. To line sash end with contrasting material will require ⅛ yard.

* * *





6067. Child's dress, cut in 4 sizes: 2, 4, 6, and 8 years. A 6-year size requires 2¼ yards of 32-inch material. To face the yoke bands with contrasting material requires ¼ yard 27 inches wide. To finish with narrow bias binding, as illustrated, requires 4⅛ yards.

6054. Misses' dress, cut in 3 sizes: 16, 18 and 20 years. An 18-year size requires 1⅝ yards of checked or figured material 39 inches wide and 3 yards of plain material. If made without the jacket 1¼ yards of plain material is required. The width of the dress at the lower edge with plaits extended is 2 yards.

6060. Ladies' night dress, cut in 4 sizes: small, 34-36; medium, 38-40; large, 42-44; extra large, 46-48 inches bust measure. A medium size requires 3¾ yards of 39-inch material. To trim as illustrated requires 2½ yards of insertion and 4 yards of edging.

6068. Child's play suit, cut in 5 sizes: 1, 2, 3, 4 and 5 years. A 3-year size requires 1⅞ yards of 36-inch material together with 4¼ yards of narrow bias binding, if made as illustrated.

Any of the up-to-date patterns may be obtained by remitting 10 cents in stamps, check or money order to the General Electric News Pattern Bureau, 11-13 Sterling Place, Brooklyn, N. Y. When sending your order be sure to mention size wanted; write plainly your name, street address and city. All patterns are sent to customer by first-class mail. Spring and Summer 1928, Book of Fashions, containing 500 designs of Ladies,' Misses' and Children's Patterns, a concise and comprehensive article on dressmaking and some points for the needleworker, may also be secured for 10 cents.

# JUNIORS' PAGE

Dear G-E Juniors:

Do you remember when you went to the Circus and saw all the fierce lions and tigers and other animals in their cages? And perhaps, too, you saw some pretty birds and some funny clowns who made everyone laugh. Let's pretend we are at the Circus and see how many animals and birds we can find hidden in the puzzle picture on the Juniors' Page this month. There are seventeen animals and birds, and one man concealed in the picture, but if you find ten of them we will count your answer correct. I hope we will have a lot of answers to this puzzle. Be sure and put your name and address on your letter, for you might win a prize and if we didn't know who you were, we couldn't send it to you.

Every G-E Junior who sent in an answer to last month's puzzle found Abraham Lincoln's picture in the tangle of lines, and that was correct. The drawings were very good, and the letters neatly written. Ruth Eylenberg sent in a nice little story about Lincoln; Mildred Hesher told me the year when Lincoln was born and also the year he died; Ervin Wedler likes to read about Lincoln and Washington and says he would have enjoyed living at the time these great men did. I am sorry that I can't tell you all the interesting things that the G-E Juniors wrote to me.

The prize winners for last month were Mabel Blackburn, Dorothy M. Aldredge, Albert Devaux, Ralph Williams and Robert Williams from Fort Wayne; and Catherine Jackson and Sephus Jackson from Decatur.

Oh, yes, and we had letters from some new G-E Juniors last month; they are, Mildred Shores, Harry McClure, Mary Ann Douglas Mayland and Vera Louise Kruge from Fort Wayne and Sephus Jackson from Decatur. We are glad to welcome you, and hope that you will write again. We also received letters from Dortha Crall, Ralph Crall, Florence McFeely, Germaine Rondot, Cletus Rondot, Clara Patterson, Edna Patterson, Vernon Dove, Berniece Moore, Orpha O'Rourke, Beulah McClure, Geraldine Welker, Ervin Wedler, Helen Mundt, Lucile Wedler, Ruth Eylenberg, Glenn Juillard, Alice Marie Moritz, Mary Jane Zink, Helen Cook, William Cook and Velma Adams from Fort Wayne, Dorothy Miller, Mildred Hesher and Evelyn Kohls from Decatur.

March is the first spring month, when the pussy willows peep out and the wind blows, and I just hope letters from a lot of you Juniors will blow in. This month we have St. Patrick's birthday on March 17th, when people wear a shamrock or a bit of green. I expect even now a lot of you are beginning to think of the Easter bunny, but he doesn't come until April. Don't we have a lot of interesting things to think about? I shall be looking forward to receiving a lot of letters and maybe some kodak pictures, so please don't disappoint me.

Sincerely,

Jill

## Granny's Come to Our House

Granny's come to our house!
An' ho! my lawsy-daisy!
All the children round the place
Is ist a-runnin' crazy!
Fetched a cake for little Jake,
An' fetched a pie for Nanny,
An' fetched a pear fer all the pack
'At runs to kiss their Granny!

Lucy Ellen's in her lap,
An' Wade, an' Silas Walker,
Both's a-riden' on her foot,
An' Pollos on the rocker;
An' Marthy's twins, from Aunt Marinn's,
An' little Orphant Annie,
All's a-eatin' gingerbread
An' giggle-un at Granny!

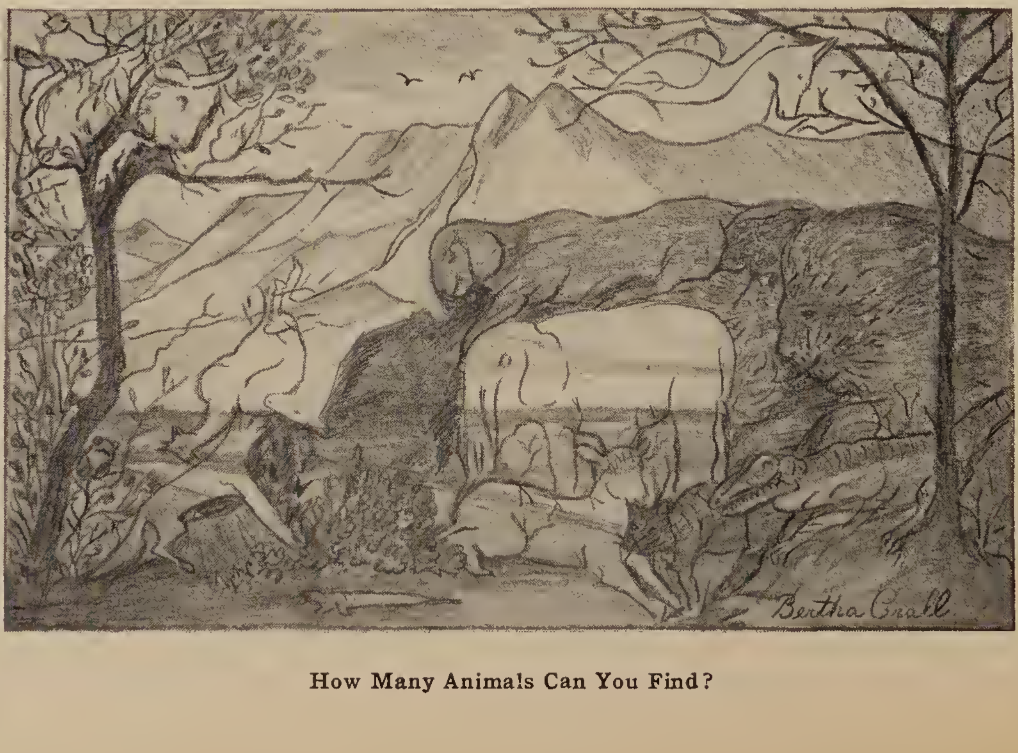
Tells us all the Fairy tales
Ever thought er wundered—
An' 'bundance o' other stories—
Bet she knows a hundred!—
Bob's the one fer "Whittington,"
An' "Golden Locks" fer Fanny!
Hear 'em laugh an' clap their hands,
Listenun' at Granny!

"Jack the Giunt-Killer" 's good—
An' "Bean-Stalk" 's another—
So's the one of "Cinderell' "
And her old godmother;—
That-un's best of all the rest—
Bestest one of any,—
Where the mices scampers home,
Like we runs to Granny!

Granny's come to our house!
Ho! my lawzy-daisy!
All the children round the place
Is ist a-runnin' crazy!
Fetched a cake fer little Jake,
An' fetched a pie fer Nanny,
An' fetched a pear fer all the pack
'At runs to kiss their Granny!

—James Whitcomb Riley.

## This Month's Puzzle



How Many Animals Can You Find?

## Open Season for Gas Poisoning

In Albany recently an entire family of three were killed by carbon monoxide from a lighted gas hot water heater, the flue of which had not been connected with the chimney. Almost daily one reads a newspaper account of some person being found asphyxiated in his closed garage from fumes from an idling automobile engine.

Apparently the only effective means of decreasing the number of accidents of this kind is the constant reiteration in the public press and elsewhere of the fact that carbon monoxide, an exceedingly poisonous gas, is thrown off in large quantity from gas hot water heaters and automobile exhausts.

If health officers will ask their local editors to warn readers not to work in closed garages with an engine running and to connect every gas hot water heater with a chimney, perhaps ultimately there will be some reduction in the number of deaths from this cause.—*Health News.*

# G.E.A.A. Athletics

### G-E Club Basketball Team Winning Many Games

The basketball team representing the G-E Club on the hardwood court is making a record beyond the fondest hopes of even the most optimistic fans. Twenty-four games have been played to date and the Club five has won twenty-two. The strongest teams in the middle west are numbered among the G-E Club's victims. Since last month's issue the G-E five has defeated the Wabash Paper Board Co., Warren Rexalls, Wapakoneta American Legion, Culver Independents, Bluffton Moose, Auburn Autos and South Side Turners of Indianapolis. The only loss in this string came after eighteen straight wins from Olson's Terrible Swedes, of Coffeyville, Kansas. This team is a strictly road team which tours the entire country playing the best teams in the United States. This game was lost by a 31 to 33 score and after the G-E five had led practically the entire game. So thrilling was this battle that the fans are clamoring for a return game.

The scores of the games to date are as follows:

| | | | |
|---|---|---|---|
| G-E Club 24 | | Ft. Wayne Hoosiers (exhibition) | 49 |
| G-E Club 46 | at | Syracuse | 43 |
| G-E Club 24 | at | Flint Buicks | 55 |
| G-E Club 50 | | Rushville | 20 |
| G-E Club 32 | at | Wolf Lake | 30 |
| G-E Club 31 | | Indianapolis Turners | 25 |
| G-E Club 38 | at | Howe, Mohawks | 24 |
| G-E Club 51 | at | Wabash Paper Board | 27 |
| G-E Club 31 | | Indianapolis Ramblers | 22 |
| G-E Club 42 | at | Warren Rexalls | 36 |
| G-E Club 35 | | Wolf Lake | 16 |
| G-E Club 37 | | Wabash Paper Board | 33 |
| G-E Club 31 | at | Wapakoneta American Legion | 27 |
| G-E Club 48 | | Toledo Ford Plate Glass | 18 |
| G-E Club 42 | at | Auburn Autos | 35 |
| G-E Club 51 | | Flint Buicks | 35 |
| G-E Club 32 | | Wabash Paper Board | 20 |
| G-E Club 27 | at | Warren Rexalls | 25 |
| G-E Club 40 | | Wapakoneta American Legion | 31 |
| G-E Club 35 | at | Culver Independents | 39 |
| G-E Club 41 | | Warren Rexalls | 18 |
| G-E Club 31 | | Olson's Terrible Swedes | 33 |
| G-E Club 40 | at | Bluffton Moose | 39 |
| G-E Club 37 | | Auburn Autos | 20 |
| G-E Club 44 | | Indianapolis Turners | 37 |

Myers passed the century mark in field goals in the local Auburn game and added considerable to his total by scoring nine baskets in the South Side Turner game at Indianapolis. With 73 points scored from the free throw line Myers is leading the squad in scoring with a total of 293 points to his credit. The individual scoring of the players follows:

| | g | fg | ft | P | Tot. |
|---|---|---|---|---|---|
| Myers | 25 | 110 | 73 | 49 | 293 |
| B. Hamilton | 24 | 72 | 13 | 17 | 157 |
| Holmes | 24 | 36 | 26 | 33 | 98 |
| Kowalcyzk | 22 | 38 | 20 | 42 | 96 |
| Nobles | 24 | 36 | 11 | 30 | 83 |
| Wisner | 22 | 25 | 18 | 28 | 68 |
| Spahr | 24 | 28 | 8 | 27 | 64 |
| Steele | 22 | 21 | 7 | 18 | 49 |
| Hueber | 23 | 13 | 6 | 28 | 32 |

### Tie for First Place in Y.M.C.A. Industrial League

The International Motors defeated the Bowser Five and went into second place in the Y.M.C.A. Industrial League. The G-E, without the services of Virgil, their leading scorer, dropped a close game to the Wayne Knit squad by the score 15 to 16 and dropped a rung in the ladder. The standing of the teams follows:

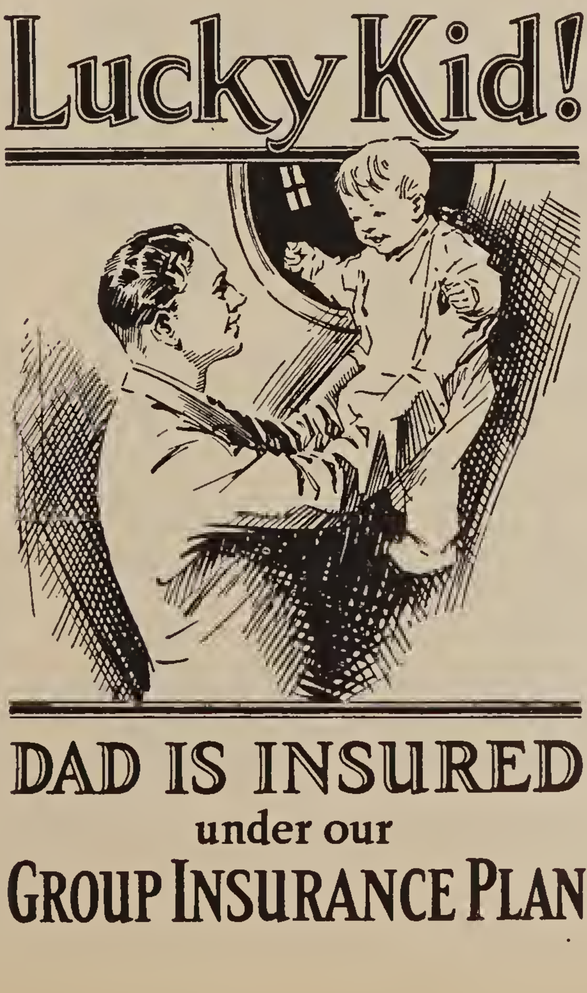
| Team | Won | Lost | P.C. |
|---|---|---|---|
| Dudlo | 2 | 1 | .666 |
| International Motors | 2 | 1 | .666 |
| S. F. Bowser | 2 | 2 | .500 |
| G-E Mazdas | 1 | 2 | .333 |
| Wayne Knit | 1 | 2 | .333 |

### Inter-department Basketball

The Inter-department basketball league finished the first half with three teams tied for first place. The Winter Street five, which had not lost a game, dropped the final match to the Small Motor team in a close and exciting game. The result was that Winter Street, Apparatus and Small Motor were in a deadlock for the crown. The play-off will be held in the near future but the exact date has not been set.

| | Won | Lost | P.C. |
|---|---|---|---|
| Winter Street | 6 | 1 | .857 |
| Apparatus | 6 | 1 | .857 |
| Small Motor | 6 | 1 | .857 |
| Apprentice | 4 | 3 | .572 |
| Transformer | 3 | 4 | .428 |
| G-E Squares | 2 | 5 | .286 |
| General Service | 1 | 6 | .143 |
| Meter | 0 | 7 | .000 |

To start the second round the Apparatus, Apprentice, Transformer and Winter Street fives won their first games putting them in a tie for first place for the first night's play.



### G-E Girls' Basketball

The games played since the report in the January WORKS NEWS are as follows:

| | | | |
|---|---|---|---|
| *General Electric 58 | vs. | B.T.A.A. Blue Streaks | 9 |
| *General Electric 64 | vs. | B.T.A.A. Red Hots | 28 |
| *General Electric 47 | vs. | Wayne Feed | 9 |
| General Electric 26 | vs. | VanWert | 19 |
| *General Electric 50 | vs. | Business College | 11 |
| *General Electric 22 | vs. | Wayne Knit | 24 |
| General Electric 21 | vs. | Auburn H. S. | 41 |
| General Electric 23 | vs. | Marion | 7 |

---

* Y.W.C.A. Blue Triangle League Games

The G-E girls have played fifteen games, winning thirteen of them, mostly by large scores. They have stacked up a total of 630 points to their opponents' 288, Hilda Walda being the leading scorer with 177 points to her credit.

| | g | fg | ft | tp | pf |
|---|---|---|---|---|---|
| Walda, f. | 12 | 79 | 19 | 177 | 6 |
| Vail, c. | 9 | 54 | 2 | 110 | 8 |
| Hormel, f. | 14 | 41 | 10 | 92 | 6 |
| Reidenbach, f. | 15 | 43 | 5 | 91 | 17 |
| Maas, f. | 10 | 16 | 2 | 34 | 2 |
| Pearch, c. | 13 | 8 | 4 | 20 | 15 |
| Hogg, c & g. | 9 | 0 | 0 | 0 | 4 |
| Stahl, g. | 13 | 0 | 0 | 0 | 4 |
| Singrey, g. | 14 | 0 | 0 | 0 | 20 |
| Archbold, g. | 7 | 0 | 0 | 0 | 5 |
| Fletcher, g. | 5 | 0 | 0 | 0 | 5 |

Mildred Archbold has been out of the game for several weeks because of an injury to her wrist, and Helen Fletcher is taking her place as guard.

The G-E girls claim the title of City Champions. Any team desiring to play them should communicate with Manager Ed. Kammeyer.

### Inter-department Volley Ball

Winter Street No. 1 team is clinging to first place in the Inter-department Volley Ball League by the narrow margin of two games. The Main Office team is trailing, with the Small Motor and Winter Street No. 2 two games behind respectively. The standing of the teams follows:

| Team | Won | Lost | P.C. |
|---|---|---|---|
| Winter Street No. 1 | 26 | 4 | .866 |
| Main Office | 24 | 6 | .800 |
| Small Motor | 22 | 8 | .733 |
| Winter Street No. 2 | 20 | 10 | .666 |
| Apprentice | 9 | 21 | .300 |
| G-E Squares | 7 | 23 | .233 |
| Meter No. 1 | 6 | 24 | .200 |
| Meter No. 2 | 6 | 24 | .200 |

## Water Polo

Water polo rules have been changed slightly this year, the most important of these changes being the use of five men on a team instead of six. The result of this revision is a cleaner, faster game, with a better chance for passwork than heretofore. There are fewer personal encounters, and the roughness of the game has been decreased considerably.

Due to the absence of new recruits, there was some question as to whether there would be any G-E team entered in the Y.M.C.A. Industrial Water Polo League this year, but after some scouting around, Manager Berghorn succeeded in rounding up some of the players of past seasons, who, with a 254-pound swimmer from the Apprentice Dept., make up a fast-moving hard-playing aggregation. The G-E squad can boast the four fastest swimmers in the league this year, Berghorn, Sherbondy, Devore and Klopfenstein, along with war-horse Lagerlof, all being veterans and used to the prolonged water swallowing that goes with this branch of sport.

Meeker, the six-foot bicycle pedaler from the Transformer gang, shares the position of goal guard with Redding, the big boy from the Apprentice Dept. Meeker has last year's experience at this game to assist him in the ducking process, while Redding is putting up a real scrap at every opportunity in his first season's attempt to keep from drowning by drinking the pool dry during the game. Lagerlof at one time was breast-stroke champ of Indiana, and has spent so much time in the water that he has developed gills and webbed feet. Berghorn and Sherbondy are serving their third year on the G-E Water Polo team and have become adept at the art of drowning opponents without resorting to physical violence. With Devore and Klopfentein, they make an interchangeable quartet that is a veritable amphibian scoring machine.

The G-E team has won both of the games played so far this year and is almost certain of winning the perpetual Slater cup this time. Games are played at the Y.M.C.A. pool at 8:30 each Tuesday evening. Seats are available for spectators. There is no admission charge.

## High Grade Boxing Cards Staged By G-E Club

The first boxing card put over by the G-E Club was held in the Club Gymnasium Friday, January 27th.

The bouts brought together two of the greatest bantam weight boxers in the country, namely, Pal Moore of Memphis, Tennessee, and Harry Forbes, of Columbus, Ohio. This bout went ten rounds with Moore coming out the victor. No two boys like these had ever shown their skill in Ft. Wayne. This is only a start, for the G-E Club is promoting high class boxing cards.

The semi-windup brought Nick Ellenwood, of Fort Wayne and Jerry Red Dolan, of Chicago. This bout went ten rounds at a fast clip. resulting in a draw. Ellenwood showed that he had the goods by holding Dolan even. In fact Ellenwood sent Dolan sprawling on the canvas but Dolan refused to do a "Tunney" and was up at the count of two.

The first bout was a six-round draw between Jim Johnston, of Bluffton, and Artie Neiber, of Fort Wayne, at 120 pounds.

In the second bout which was booked for six rounds, Harvey Lees stopped Spike Kelly in the third round.

Gus Klenke refereed all the bouts which were arranged by Tommy Atkins.

A second high class boxing card is scheduled for March 23rd. The list of the contenders for honors will be published in due time in the city papers. Watch the sports sections for these announcements.

## Decatur Basketball

The G-E basketball five, while not setting the world afire or burning up their opponents' floors with any dazzling bursts of speed, have been playing a steady consistent game of ball and getting their share of wins. The most notable achievement was a win over Fort Wayne G-E Mazdas. With the experience and practice secured this year we hope to be a harder nut to crack next year.

GAMES PLAYED

| | |
|---|---|
| G-E 21 at Ossian | 23 |
| G-E 23 at Monroeville | 42 |
| G-E 17 Kirkland | 29 |
| G-E 36 at Petroleum | *40 |
| G-E 36 at Berne | *39 |
| G-E 34 G-E Mazdas | 27 |
| G-E 17 at G-E Mazdas | 38 |
| G-E 20 at Bluffton | 26 |
| G-E 22 Bluffton | 33 |
| G-E 17 at Fort Wayne Walther League | 30 |
| G-E 17 Double Dutch | 27 |
| G-E 26 Fort Wayne Walther League | 29 |
| G-E 41 at Hoagland | 18 |
| G-E 30 Mazdas | 45 |

* Overtime.

TEAM STANDING

| | Games | FG | Goals | TP |
|---|---|---|---|---|
| Strickler | 10 | 53 | 13 | 119 |
| Kleinknight | 14 | 24 | 8 | 56 |
| Omlor | 11 | 18 | 12 | 48 |
| Lindemann | 14 | 18 | 6 | 42 |
| Teeple | 11 | 10 | 10 | 30 |
| Schneider | 12 | 9 | 3 | 21 |
| Beard | 7 | 6 | 2 | 14 |

DECATUR BASKETBALL TEAM

*Left to right—Front row:* Richard Bogner, guard; Carl Smith, manager and coach; Kenneth Beard, forward. *Back row:* Aloysius Schneider, guard; William Lindemann, forward; Robert Strickler, forward; Chester Kleinknight, captain and center; Jack Teeple, guard; Jerome Omlor, forward.

## With the Bowlers

### Meter Dept. League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Leads | 19 | 8 | .704 | 795 |
| Pivots | 16 | 11 | .593 | 793 |
| Discs | 15 | 12 | .556 | 794 |
| Seals | 15 | 12 | .556 | 791 |
| Terminals | 15 | 12 | .556 | 784 |
| Registers | 14 | 13 | .519 | 785 |
| Magnets | 14 | 13 | .519 | 783 |
| Jewels | 13 | 14 | .481 | 782 |
| Covers | 13 | 14 | .481 | 778 |
| Elements | 13 | 14 | .481 | 762 |
| Gears | 8 | 19 | .296 | 773 |
| Bases | 7 | 20 | .259 | 760 |

INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| Rupple | 181 | Hueber | 173 |
| C. Rump | 180 | Timme | 172 |
| Lawrence | 178 | Jacobs | 172 |
| Weick | 177 | Bushing | 171 |
| Rietdorf | 175 | Voorhees | 171 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Weick | 267 | Rupple | 677 |
| Lawrence | 253 | Hueber | 617 |
| Rupple | 248 | Kammeyer | 614 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Leads | 943 | Leads | 2586 |
| Jewels | 919 | Registers | 2559 |
| Pivots | 902 | Covers | 2507 |

## Transformer League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Bells | 13 | 2 | .867 | 754 |
| Toys | 11 | 4 | .733 | 765 |
| Potentials | 10 | 5 | .667 | 763 |
| Currents | 9 | 6 | .600 | 748 |
| Autos | 9 | 6 | .600 | 740 |
| Oil Burners | 8 | 7 | .533 | 740 |
| X-Rays | 5 | 10 | .333 | 688 |
| Filaments | 4 | 11 | .267 | 719 |
| Nitelites | 4 | 11 | .267 | 716 |
| Radios | 2 | 13 | .133 | 701 |

### Individual Averages

| | | | |
|---|---|---|---|
| Cox | 177 | Bower | 165 |
| Cook | 170 | Einseidel | 163 |
| Rietdorf | 170 | Long | 162 |
| Orff | 168 | Walters | 162 |
| Tagtmeyer | 167 | Fredendall | 162 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Garihan | 244 | Garihan | 575 |
| Einseidel | 220 | Boutwell | 575 |
| Armstrong | 215 | Cox | 574 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Potentials | 864 | Potentials | 2428 |
| Currents | 859 | Toys | 2389 |
| Bells | 855 | Bells | 2364 |

## Tool and Equipment League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Special Machines | 14 | 7 | .667 | 778 |
| Machines | 13 | 8 | .619 | 792 |
| Special Tools | 12 | 9 | .571 | 778 |
| Grinders | 12 | 9 | .571 | 764 |
| Punches | 10 | 11 | .476 | 773 |
| Jigs and Fixtures | 9 | 12 | .429 | 773 |
| Tool Supervisors | 8 | 13 | .381 | 763 |
| Dies | 6 | 15 | .286 | 745 |

### Individual Averages

| | | | |
|---|---|---|---|
| Rehm | 182 | Suelzer | 166 |
| J. Franke | 176 | Brenner | 165 |
| Gerdom | 175 | Seibel | 165 |
| Knepple | 169 | Platt | 164 |
| W. Franke | 166 | Mersman | 163 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| J. Franke | 247 | Gerdom | 629 |
| Gerdom | 244 | J. Franke | 601 |
| Rehm | 234 | Rehm | 587 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Special Machines | 906 | Special Machines | 2563 |
| Punches | 898 | Machines | 2498 |
| Machines | 885 | Grinders | 2456 |

## Foremen's Association League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Ice Machine No. 1 | 21 | 6 | .778 | 750 |
| Small Motor | 20 | 7 | .741 | 723 |
| Machine | 16 | 11 | .593 | 711 |
| Ice Machine No. 2 | 14 | 13 | .519 | 718 |
| Meter | 14 | 13 | .519 | 715 |
| Apparatus | 13 | 14 | .481 | 690 |
| General Service | 12 | 15 | .444 | 719 |
| Pattern Shop | 12 | 15 | .444 | 708 |
| Wire and Insulation | 12 | 15 | .444 | 700 |
| Tool Making | 11 | 16 | .407 | 710 |
| Tool Supply | 9 | 18 | .333 | 703 |
| Transformer | 8 | 19 | .296 | 702 |

### Individual Averages

| | | | |
|---|---|---|---|
| Buck | 177 | Schild | 166 |
| Harkenrider | 175 | Foellinger | 163 |
| Johnson | 173 | Garihan | 163 |
| Korte | 171 | Skevington | 163 |
| Grimme | 169 | Bennigan | 161 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Ice Machine No. 1 | 853 | Small Motor | 2361 |
| Small Motor | 853 | Ice Machine No. 1 | 2354 |
| Machine | 843 | Machine | 2320 |

## Office League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Accounting | 18 | 3 | .857 | 786 |
| Small Motor | 15 | 6 | .714 | 790 |
| Distribution | 14 | 7 | .667 | 783 |
| Apparatus | 12 | 9 | .571 | 791 |
| Rate Dept | 12 | 9 | .571 | 760 |
| A-c. Drafting | 12 | 9 | .571 | 752 |
| Plant Construction | 10 | 11 | .476 | 772 |
| D-c. App. Engr's | 10 | 11 | .476 | 761 |
| Warehouse | 8 | 13 | .381 | 756 |
| Industrial Service | 7 | 14 | .333 | 767 |
| Material List | 6 | 15 | .286 | 747 |
| D-c. Drafting | 2 | 19 | .095 | 727 |

### Individual Averages

| | | | |
|---|---|---|---|
| Reese | 192 | Dannecker | 172 |
| Einseidel | 183 | Rapp | 169 |
| Enders | 176 | Roeger | 167 |
| Lindemuth | 174 | Blomenberg | 167 |
| Greub | 173 | Fulton | 166 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| H. Greub | 272 | E. Reese | 656 |
| E. Reese | 257 | F. Rapp | 599 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Warehouse | 975 | Apparatus Cost | 2493 |
| Accounting | 954 | Accounting | 2491 |

## Small Motor League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| SD | 14 | 7 | .667 | 839 |
| SA | 13 | 8 | .618 | 792 |
| RSA | 12 | 9 | .572 | 776 |
| RKT | 11 | 10 | .524 | 792 |
| SDA | 11 | 10 | .524 | 778 |
| RSS | 10 | 11 | .476 | 775 |
| RKQ | 8 | 13 | .381 | 788 |
| RSC | 5 | 16 | .238 | 761 |

### Individual Averages

| | | | |
|---|---|---|---|
| Quinn | 187 | Kessler | 172 |
| Schoenherr | 179 | Seymour | 171 |
| Brooks | 178 | Rose | 170 |
| H. Franke | 176 | F. Tobias | 169 |
| Korte | 173 | Nicole | 169 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Quinn | 246 | Quinn | 661 |
| H. McKee | 245 | McKee | 653 |
| Korte & Kessler | 232 | Kessler | 623 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| SD | 950 | SD | 2719 |
| RKT | 949 | RKQ | 2553 |
| RSS | 931 | RSS | 2537 |

## Inter-department League (First Half)

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Small Motor | 30 | 15 | .667 | 877 |
| Meter | 29 | 16 | .644 | 901 |
| Apparatus | 23 | 22 | .511 | 884 |
| Office | 19 | 26 | .422 | 858 |
| Ice Machine | 18 | 27 | .400 | 844 |
| General Service | 17 | 28 | .378 | 856 |

### Individual Averages

| | | | |
|---|---|---|---|
| Doehrman | 209 | Einseidel | 187 |
| Quinn | 191 | Zurcher | 183 |
| Auer | 189 | Knoll | 182 |
| Harkenrider | 189 | C. Rump | 181 |
| Schlup | 188 | Walda | 181 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Doehrman | 266 | Doehrman | 688 |
| Rose | 251 | Quinn | 667 |
| Auer | 246 | E. Harkenrider | 638 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Meter | 1040 | Meter | 2899 |
| Apparatus | 1004 | Apparatus | 2840 |
| Office | 989 | Office | 2835 |

## Fire Department League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Hydrants | 19 | 8 | .704 | 767 |
| Hose | 19 | 8 | .704 | 768 |
| Valves | 17 | 10 | .630 | 772 |
| Foamites | 17 | 10 | .630 | 777 |
| Ladders | 9 | 18 | .333 | 748 |
| Pyrenes | 5 | 22 | .185 | 710 |

### Individual Averages

| | | | |
|---|---|---|---|
| D. Hamilton | 184 | Siebold | 167 |
| Voorhees | 177 | Bennegin | 164 |
| Grimme | 171 | Hofman | 164 |
| E. Miller | 168 | Boyce | 163 |
| V. Rump | 167 | Doehle | 161 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Voorhees | 255 | D. Hamilton | 662 |
| B. Hamilton | 246 | Voorhees | 603 |
| Glenn | 240 | Hofman | 593 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Hydrants | 946 | Hydrants | 2624 |
| Valves | 913 | Valves | 2551 |
| Foamites | 865 | Foamites | 2469 |

## Wire and Insulation League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Bakelite | 10 | 2 | .833 | 737 |
| Paper | 9 | 3 | .750 | 700 |
| Wire Insulating | 8 | 4 | .667 | 708 |
| Wire Rolling | 6 | 6 | .500 | 682 |
| Office | 2 | 10 | .167 | 656 |
| Mica | 1 | 11 | .083 | 676 |

### Individual Averages

| | | | |
|---|---|---|---|
| Buckles | 164 | L. Gardt | 152 |
| Kampen | 161 | Hire | 149 |
| Huffman | 160 | Glenn | 145 |
| Hamilton | 155 | Saaf | 141 |
| Schultz | 153 | Price | 140 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Kampen | 253 | Kampen | 623 |
| Schultz | 237 | Hire | 613 |
| Hire | 234 | Buckles | 608 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Paper | 847 | Wire Insulating | 2303 |
| | | Bakelite | 2231 |
| | | Mica | 2198 |

## Girls' League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Transformer | 29 | 7 | .805 | 615 |
| Meter Dept | 27 | 9 | .850 | 605 |
| Small Motor | 19 | 17 | .528 | 582 |
| Industrial Service | 16 | 20 | .444 | 548 |
| Tool Dept | 12 | 21 | .364 | 580 |
| Office | 13 | 23 | .361 | 545 |
| Fire Dept | 13 | 23 | .361 | 544 |
| Apparatus | 11 | 22 | .333 | 538 |

### Individual Averages

| | | | |
|---|---|---|---|
| Luella Kayser | 165 | Hilda Walda | 140 |
| V. Linnemeier | 146 | W. Blomenberg | 138 |
| Irene Fox | 146 | Margaret Eising | 138 |
| Helen Bleke | 143 | Helen Litot | 137 |
| A. Weitfeldt | 141 | A. Nahrwold | 132 |

### High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Helen Bleke | 232 | A. Weitfeldt | 540 |
| W. Blomenberg | 232 | Irene Fox | 523 |
| Irene Fox | 222 | V. Truelove | 522 |

### High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Transformer | 742 | Transformer | 2027 |
| Meter Dept | 718 | Meter Dept | 2019 |
| Small Motor | 705 | Small Motor | 1785 |

## Decatur Bowling League

### Shop League

| | Won | Lost | P.C. |
|---|---|---|---|
| Rotors | 12 | 3 | .800 |
| Punch Press | 9 | 6 | .600 |
| Stators | 9 | 6 | .600 |
| Motors | 8 | 7 | .533 |
| Broaches | 6 | 9 | .400 |
| Automatics | 6 | 9 | .400 |
| Flanges | 5 | 10 | .333 |
| Collectors | 5 | 10 | .333 |

### City League

| | Won | Lost | P.C. |
|---|---|---|---|
| G-E | 31 | 14 | .689 |
| City | 23 | 22 | .511 |
| K. of P. | 19 | 26 | .422 |
| Casting | 17 | 28 | .378 |

High team socre—1 game—City, 902.

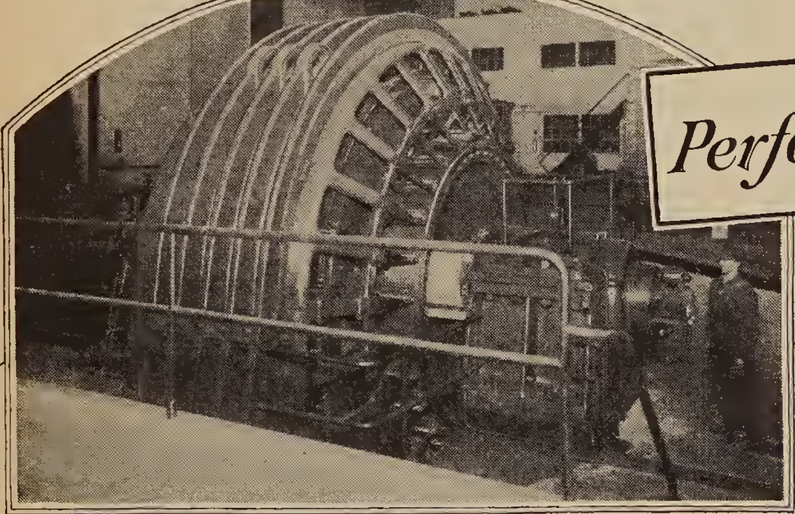
High team score—3 games—G-E, 2544.

High individual score—1 game—Chase (KP), 230; Spangler (Castings), 230.

High individual score—3 games—Frisinger, 576.

# G-E Direct-Current Motors – any size any service

## *Performance that builds confidence*

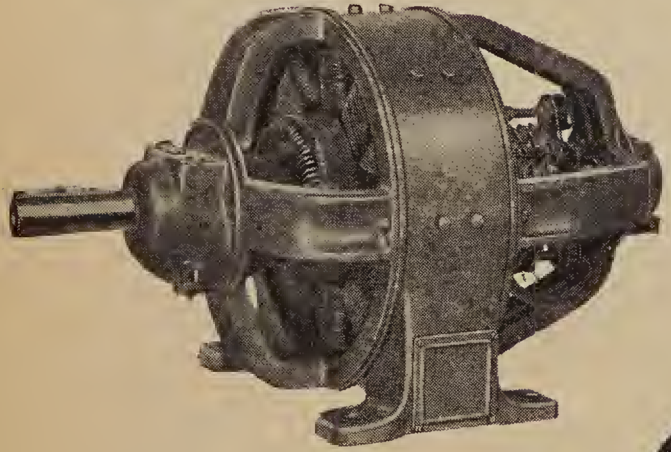


7000-hp., 40/80-r.p.m., direct-current, reversing motor driving a 54-in. blooming mill at the Lackawanna plant of the Bethlehem Steel Corporation.

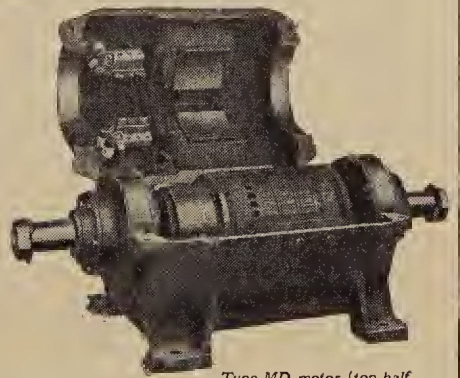
GENERAL ELECTRIC'S forty years' experience in the design, manufacture, and application of direct-current motors—backed by unequalled research and manufacturing facilities—has produced a complete line of direct-current motors adapted for any size and for any service.

In every size from a fraction of a horsepower to over 7000 horsepower; for every speed from 40 r.p.m. or less to 3600 r.p.m. or more; for adjustable speed over a wide range or for constant speed; in various types of enclosure; for frequent starting and stopping; for continuous or intermittent service; for general-purpose applications wherever direct current is used; for standard and for the most special machine-tool applications—everything in direct-current motors can be obtained from General Electric.

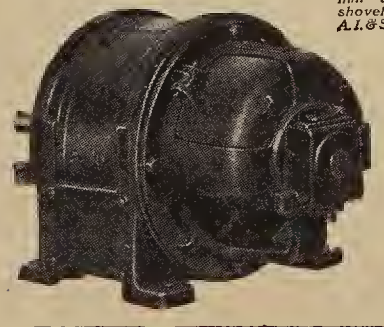
Much that contributes to the lasting quality, reliability, low operating expense, low maintenance, and efficient performance of G-E direct-current motors is invisible to the casual observer. But it is this inherent built-in superiority that gives every user a "performance that builds confidence".



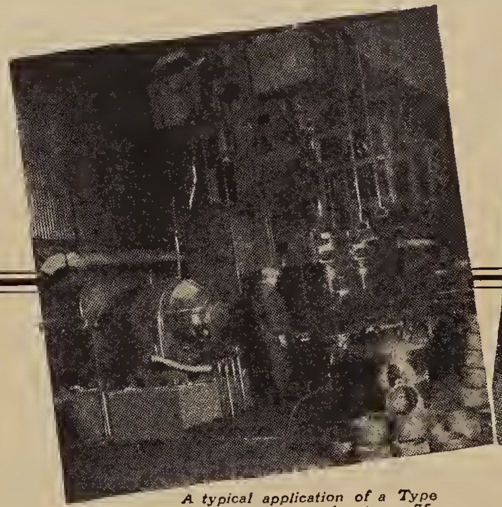
Type CD motor, 3 to 200 hp. For adjustable-speed, constant-speed, high-speed, or low-speed applications.



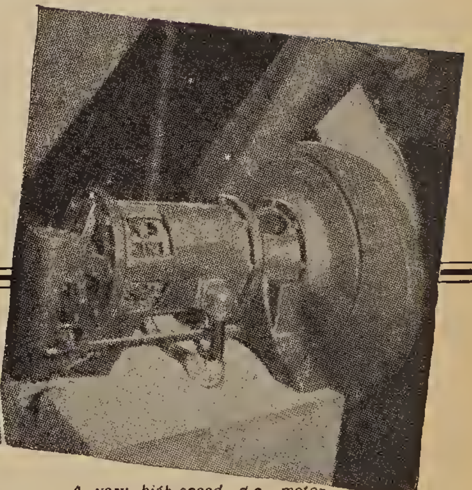
Type MD motor (top half of frame lifted). For the severest duty on steel-mill auxiliaries, cranes, shovels, etc. Conforms to A.I.&S.E.E. specifications.



Type BD motor. ½ to 3 hp. A small d-c. motor adaptable to a great variety of applications.



A typical application of a Type CD adjustable-speed motor—a 75-hp., 250/1000-r.p.m. unit driving a Taylor Wilson vertical tapping machine in the Seamless Tube Mill of the Jones & Laughlin Steel Corporation, Woodlawn, Pa.



A very high-speed, d-c. motor application—a G.E, 40-hp., 3600-r.p.m. motor driving a G-E centrifugal exhauster in the Halle Bros. Department Store, Cleveland, Ohio

**Motorized Power**
*–fitted to every need*

237-25 A

# GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, SCHENECTADY, N. Y. SALES OFFICES IN PRINCIPAL CITIES

*This is typical of the advertisements appearing in leading industrial magazines during the month of March, as a part of the Industrial Department Sales Campaign on direct-current motors*

BIRTHDAY NUMBER

THE OLD THOMSON-HOUSTON FACTORY AT LYNN, 1884

# The GE News

April 6, 1928

# Our Oldest Building

ON the front cover is shown a drawing of the original building in the Lynn factory of the Thomson-Houston Electric Company. This building, which is still in use, is now a part of the West Lynn Works of the General Electric Company. It was built to house the Thomson-Houston organization in 1883, when that predecessor of the present General Electric Company was still in its infancy. It was entered in November, 1883. The year 1884 was therefore its first complete year of occupancy.

The fact that this building is still standing, and is still being used, makes it the oldest General Electric building in existence. Its age is rivaled, however, by the two buildings which formed the nucleus of the present Schenectady Works, a picture of which is shown on another page of this issue.

The drawing of the original West Lynn building was reconstructed from a number of older sketches and architects' plans.

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

Vol. 12 April 6, 1928 No. 4

# $640 Awarded for "Better Ways"

DURING the period of this report, February 7th to March 9th, inclusive, $640 was paid to constructive thinkers and careful observers among the employees of Fort Wayne Works for their suggestions.

T. R. Buckles, of Bldg. 2-K, was awarded the highest amount, $35, for his suggestion regarding the placing of a rewinding machine in Bldg. 2-K to facilitate the handling of wire in the department.

L. Buckmaster, of Bldg. 27, made a suggestion in regard to supplying slitter knives to cut tubes on the cylinder rolling machine in Bldg. 27, and this idea brought him an award of $25.

Karl Lagerlof, of Bldg. 19-2, became convinced that a straight edge razor blade would be preferable to safety razor blades for use on certain winding machines in Bldg. 26-2. A suggestion which he turned in to this effect brought him $20 award.

E. J. Stroud, of Bldg. 18-2, saw a way to improve the racks of the paper carriages on tabulating machines in the service bureau. He received $20 on this idea.

W. E. Mitchell, Bldg. 6-2, was awarded $20 on his suggestion regarding the shipping of fractional horsepower motors of Frame 1459 in carton No. 21.

E. H. Leitz, Bldg. 26, received an additional award of $20 on his suggestion of a change in the length of lead and tubing on transformer department drawing No. 3114046 that originally brought him a $15 award.

H. W. Waters, of Bldg. 4-3, thought there should be a power-driven brush in Bldg. 4-3 to clean returned commutators, made a suggestion to that effect and received $15 award.

Frank Laier, Bldg. 19-5, received $15 award on his suggestion of a change to the taping of I-16 meter coils.

George A. Betz, Bldg. 19-3, received $10 award for his suggestion regarding a buffing wheel for use in cleaning meter bases in Bldg. 19-4.

A. R. Hall, Bldg. 3-3, was granted $10 additional award on his suggestion that stamps be supplied for use on certain fractional horsepower motor rotors and stators. He originally received $5 on this suggestion.

T. R. Buckles

L. Buckmaster

E. H. Leitz, Bldg. 26-2, suggested a double set of arbors be supplied for turret winding machines used in Bldg. 26-2 and he received $10 award.

Edward C. Ehrman, Bldg. 26-5, received a $10 award on his suggestion regarding improvements on ratio test machine used in the Meter Dept.

Henry J. Graffe, Bldg. 4-5, received $10 award on his suggestion of a change to certain fractional horsepower motor flanges which made it possible to eliminate shearing of the fiber brushholders.

J. O. Kelker, Bldg. 4-2, made a suggestion regarding the use of No. 880 compound in place of white lead on certain fractional horsepower motor department jobs and received $10 award.

Lester Girton, Bldg. 20-1, offered a suggestion regarding a change in the construction of the meter base elevator in Bldg. 19, which would facilitate the making of repairs and was awarded $10.

Roe Ormiston, Bldg. 26-5, received $10 award on his suggestion regarding the supplying of a new die for cutting off and punching holes in certain transformer feet.

Paul Merkert, Bldg. 6-3, on his suggestion regarding packing IA relays in carton C-37, received $10 award.

John Woodward, Bldg. 27, suggestion regarding supplying oil in barrels in Bldg. 4-1, brought him an award of $10.

Seventy-five different awards of $5 each were made as follows:

*Play Safe!*

Herbert C. Braun, Bldg. 19-5, elimination of retapping operation on IA-201 connection blocks.

John R. Gage, Decatur, supplying reamers used at Decatur, 1 in. shorter.

E. J. Stroud, Bldg. 17-4, supplying card racks for key punch tables in the Service Bureau.

Stanley Koon, Bldg. 4-3, changing switch on lead saw in Bldg. 4-3.

Ezra W. Garringer, Bldg. 19-5, change to refrigerating machine in Bldg. 19-5 to aid in keeping kerosene from leaking onto the floor.

Ezra W. Garringer, Bldg. 19-5, change to MC relay iron to aid in pressing on coil.

Louis E. Miller, Bldg. 4-1, supplying a draft screen at tool coop in Bldg. 4-1.

Raymond Kreigh, Bldg. 20-1, new type clips for use in testing radio transformers.

Ellis R. Blike, Bldg. 12-2, supplying non-skid flooring at grinders in Bldg. 4-2.

Caroline Hans, Bldg. 19-5, supplying a guard at conveyor belt in Bldg. 19-5.

Floyd Steinbacker, Bldg. 4-4, change to drill jig bushing used in Bldg. 4-4 to eliminate trouble.

Herman C. Macke, Bldg. 4-5, supplying a guard at conveyor in Bldg. 4-5.

Margaret Eakin, Bldg. 4-5, change to arrangement of tool coop in Bldg. 4-5.

Frieda Kaiser, Bldg. 26-2, supplying felt pads for solder flux cups used in Bldg. 26-2.

Clara A. Tooke, Bldg. 4-4, enclosing wires on pilaster in Bldg. 4-4.

Paul P. Schible, Bldg. 4-2, guard for commutator of motor in Bldg. 4-2.

Kathryn Goyer, Bldg. 4-4, change to location of dip pan at lead cutting table in Bldg. 4-4.

Nora C. Coburn, Bldg. 26-2, supplying a machine to flatten tubing and crease insulation in Bldg. 26-2.

Nora C. Coburn, Bldg. 26-2, use of colored adhesive tape for marking lead positions on certain coils in Bldg. 26-2.

Jack Newman, Bldg. 26-4, supplying blueprint holders for certain automatic machines in the Fractional HP. Motor Dept.

Henry Wittber, Bldg. 26-5, supplying a guard for drill press No. 2089 in the Tool Making Dept.

Louis Scherer, Bldg. 2E, reissuing General Instructions A-19.3 covering the removing of pins and clips from paper before filing or scrapping.

C. H. Grote, Bldg. 26-5, supplying guard on drill press No. 2089 in the Tool Making Department.

Warren W. Jackson, Bldg. 4-3. supplying guards for machines No. 10185 and 13699 in Bldg. 4-3.

Wilbert Jahn, Bldg. 18-2, supplying guard at elevator mechanism, Bldg. 18-B.

W. H. Irwin, Bldg. 3-3, supplying baffle plates for scrap baler, Bldg. 5.

Ed. Farrell, Bldg. 19-4, supplying proper milling tool for use on base Drawing No. 2072741 in Bldg. 19-4.

Ed. Mosshammer, Bldg. 26-2, use of fiber tubing in place of mica for certain apparatus collectors.

Albert Ray, Bldg. 4-5, change to door in Test Room in Bldg. 4-5.

W. B. Putt, Bldg. 4-5, supplying a polarity indicator for Fractional HP. Motor Test in Bldg. 4-5.

Frank Moritz, Bldg. 4-4, supplying an additional paper cover for certain SDA armatures in boxing.

James Woodward, Bldg. 26-4, change to vise jaws tool No. 4203 used in Bldg. 26-4 to eliminate scrap.

Leota Boxell and M. T. Kunstman, Bldg. 18-2, covering or removing gutter along vault in Bldg. 18-B.

Don D. Vorhees, Bldg. 19-4, change to tool No. 5134 used in Bldg. 19-4.

Harry McKee, Bldg. 4-2, changing shaft dimensions on Fractional HP. Motor Drawing No. 3559033 and others.

Ed. H. Dunlap, Bldg. 4-3, relocating fan motor switch in Bldg. 4-3.

James Quinn, Bldg. 4-5, supplying a guard for machine No. 3954 in Bldg. 4-5.

Earle Souers, Bldg. 6-2, supplying a guard for machine No. 13954 in Bldg. 6-B.

Reed Watson, Bldg. 18-2, supplying a screen in shaft of mail elevator in 18-B.

Harold George, Bldg. 26-4, supplying punch and die to punch and form meter clips in Bldg. 26-4.

O. H. Cook, Winter St. Plant, supplying tanks and baskets for cleaning liquid and suction lines at the Winter St. Plant.

H. H. Beltz, Bldg. 8-1, supplying a special stand to aid in straightening metal reels in Bldg. 8.

C. E. Hattendorf, Winter St., supplying equipment for repairing float valves and caps at the Winter St. plant.

L. C. Jentsch, Bldg. 4-3, supplying shelves at machines No. 11215, 11049 and 9244 in Bldg. 4-3.

Bernard J. Lauer, Bldg. 27, change to machine No. 15819 in Bldg. 27 to prevent arm from dropping.

Fred. J. Conture, Winter St., supplying a special box for holding copper tubes at the Winter St. Plant.

R. A. Smith, Winter St., change to blow off lines at boilers at Winter St. Plant.

John Roesener, Bldg. 26-5, supplying locating block for Wright dieing machine used in Bldg. 26-1.

James A. Stover, Bldg. 19-4, supplying a dust guard for automatic machines in Bldg. 19-4.

Gerald Mugg, Bldg. 19-5, shortening stop pin used on G-9 meter mechanisms.

Albert Harber, Bldg. 4-1, supplying fiber inserts in jaws of 3 jaw chuck used on P & J's in Bldg. 4-1.

Amos M. Casteel, Bldg. 8-2, supplying pins for presses in Bldg. 8-2.

A. Mettler, Bldg. 17-3, supplying snap gauges for use in Bldg. 17-3.

Floyd Murray, Bldg. 20-1, an improved lock for electricians' and plumbers' wagons.

Eleanor L. Roebel, Bldg. 19-5, supplying a holder for rolls of wedge material used in Bldg. 19-5.

Frank E. Wynkoop, Bldg. 19-4, supplying runway at galvanizer, Bldg. 19-4.

Wm. Mollering, Bldg. 19-4, change to P.D. meter assembling fixture.

Vincent L. Palmer, Bldg. 26-1, change to platform containers used in handling spools in Bldg. 26.

Basil M. Bowley, Bldg. 4-5, supplying receptacles at all test brakes in the Fractional HP. Dept.

Fred Baus, Bldg. 19-4, change to jig No. 4945 used in Bldg. 19-4.

Ed. Kortum, Bldg. 4-3, supplying a guard at machine No. 2960 in Bldg. 4-3.

Mina L. Cleverly, Bldg. 19-4, change to foot trip lever on spot welding machine in Bldg. 19-4.

E. J. Stroud, Bldg. 18-2, supplying aprons for key punches in Service Bureau.

Simon Grady, Bldg. 20-1, supplying blankets at stretchers in elevators throughout the plant.

L. Scherer, Bldg. 2-E, supplying tanks with screens for treating wedges in oil in Bldg. 2-E.

Lillian Magner, Bldg. 4-1, change to tag No. 403-E to allow more space for drawing number.

Louis Scherer, Bldg. 2-E, change to heating equipment in oil house.

Donald E. Niles, Bldg. 17-3, change to design of Fractional HP. nameplate No. 33648.

William Welch, Bldg. 4-4, supplying a rack for truing plates in Bldg. 4-4.

Lester Girton, Bldg. 20-1, use of brass rods on air gap spreaders, Bldg. 19-5.

Ralph Smith, Bldg. 19-2, supplying a handle on the inside of door of oven in Bldg. 19-2.

Frank E. Walling, Bldg. 20-1, supplying a window in door at west end of Bldg. 19-1.

Burney P. Thomson, Bldg. 12-2, supplying green light at hi-potential test in Bldg. 26-1.

Clarence W. Hale, Bldg. 19-3, change to door leading from factory to office in Bldg. 19-4.

Wm. L. Fisher, Bldg. 26-4, supplying chutes for threaders and slotters, in Bldg. 26-4.

THE G-E EXHIBIT

In connection with Achievement Week in Fort Wayne, January 23rd to 28th, our Company was represented by the above very interesting displays. It was not possible to include examples of the larger apparatus manufactured here, but there were many of the products of the Fractional Horsepower Motor Division, refrigerating machines manufactured at Winter Street plant, some electrical meters and instruments and miscellaneous small transformers besides examples of some of the very fine tool and die work produced by our apprentices. To convey to the passers-by some conception of the part women have in the fabrication of many of our products, Luella Kayser wound small d-c. armatures on a winding machine placed in one of the windows, while apprentice Fred Gossett, in the other G-E window, worked on a die showing people something of the way apprentices are trained. Thanks to the courtesy of Mr. Irving Latz, manager of Wolf and Dessauer's, our exhibit had a very prominent position among those of the various local industries. Herbert Wilding, Fractional Horsepower Motor Sales Dept., was in charge of collecting and arranging the G-E exhibit.

# G-E Squares Give Smoker

THE university and college graduates employed at Fort Wayne Works were the guests of the G-E Squares on Tuesday evening, March 20th. About 150 were present—almost all of the well-known schools of our country being represented by one or more graduates. Some of the old "grads" had received their diplomas before the others who were present were even born, so there was quite as wide a range in ages as in the schools represented.

This was the fifth annual smoker given by the G-E Squares for the college men of the Plant. As the guests assembled in Bldg. 16-2 they joined without any ceremony in a half-hour social, get-acquainted session. Then all were invited to be seated facing the stage and a very interesting program was presented.

Following a short address of welcome by O. R. Griffith, president of the club, Harold Kroeger, a member of the Squares, and Audrey Sickles, a co-member of the Plymouth Dramatic Club, presented a skit written by Miss Sickles, portraying the sometime strife of married life. The act was very clever and was well presented.

"Hank" Kowalzyck, our well-known basketball center, and undergraduate of Wisconsin University, then gave some of his personal impressions of Dr. Meanwell, the school's noted basketball coach, under whom he had enjoyed two years of training.

Andy Snodgrass, president of the G-E Club, then addressed the crowd thanking the Squares for the support they had given the G-E Club's activities. He also asked everyone present to assist the club officers in getting all employees of Fort Wayne Works to realize that the G-E Club was their personal club and that it could be of material value to everyone.

Carl Langohr and "Kenny" Lyttle entertained with several guitar and mandolin duets and their offering in music was followed by the special speaker of the evening, Rev. Arthur J. Folsom.

Reverend Folsom in his address outlined the changes in the attitude toward the future of civilization, on the parts of nations in the ascendency at various periods in history. He submitted the fact that our present conception of the future of civilization is that of progress forever. He accounted for the individual progress in our attitude of making the most of the conditions as we have them at present. To keep our place as a nation in this age of progress, it is essential, the speaker pointed out, that the spiritual and moral fiber of our people be steadily improved. In answer to the question embodied in the subject on which he was speaking, namely, "What are we going to do about it?" his reply was simply, "Live!—that is all."

The formal program was concluded with some songs by Walter Locke, accompanied by Joe Folsom. Then everyone moved to the other part of the hall where, after refreshments were served, there was a general good time.

T. F. Volkmer, chairman; L. J. Dockal, H. Kroeger, E. L. Misegades, R. D. Jones, L. A. McGraw, P. Stough, W. A. Pringle, E. C. Thompson, E. R. Woodworth, T. N. Ness and G. E. Wimmer, composed the special committee in charge of this event.

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# Three Apprentices Graduate

SINCE the last published report, the following young men have completed our Machinist and Toolmaker course: W. Kenneth Williams, C. Gordon Diver and Frank Calkins.

### W. Kenneth Williams

W. Kenneth Williams

Mr. Williams completed his four years of work on January 30th, and received the customary bonus. He was a graduate of the Matthews (Indiana) High School, class of '24, when he enrolled here for his apprentice work. During his course here he took an active part in athletics, playing on the apprentice inter-department baseball and basketball teams. He has been manager of their basketball team for this season. At present Mr. Williams is working for Mr. Freeman in the Wage Rate Dept.

### C. Gordon Diver

C. Gordon Diver

Mr. Diver completed the Machinist and Toolmaker course March 3rd, and having done satisfactory work he received the regular bonus. He graduated from the Urbana (Ohio) High School with the class of '24. During his apprenticeship he has taken an active part in the apprentice activities, being a member of both the basketball and volley ball teams. At present he is working for Mr. Weitzman in the Apprentice Dept.

### Frank Calkins

Frank Calkins

Mr. Calkins completed his four years' work on the Machinist and Toolmaker course March 3rd, and received the customary bonus. He attended the Miner and Hanna grade schools of this city and then was employed for a time in our Shipping Dept. Being interested in having a practical trade he arranged to transfer to the Apprentice Dept. to take up the Machinist course.

**Your Ideas Can Make You Independent**

## Deaths

### Edith Peters

EDITH PETERS, for many years an employee of our Wage Rate Section, died at her home, 519 E. Washington Blvd., on February 18th. Miss Peters began her services at the General Electric on September 2, 1919, and was continuously employed until January, 1927, when, because of failing health, it was necessary for her to give up her work. At first it was hoped that she might regain her strength and be able later to resume her duties, but this unhappily was not to be. Her condition gradually grew worse and her death was not entirely unexpected.

Miss Peters was employed here on clerical work, serving in the Wage Rate Section under both I. H. Freeman and J. T. Fredendall. She was a very capable girl, and readily made friends of all with whom she was associated. As she was practically the sole support of her mother, Mrs. Elizabeth Peters, who survives, it is gratifying to know that she carried not only the additional group insurance but held a Class 1 membership in the M.B.A.

The funeral was held February 22nd, from the home of her aunt with whom she lived. Burial was made in Lindenwood.

### Mrs. Ethel Bourquin

Mrs. Ethel Marsh Bourquin died on March 3rd at St. Joseph's Hospital, where, a week previous to her death, she had undergone an operation for tumors. On January 26, 1927, Mrs. Bourquin broke her ankle and this occasioned her initial absence from work. Before she had entirely recovered from this injury she became troubled with tumors and was not able to resume her work.

Mrs. Bourquin began at General Electric on February 26, 1924, as a stacker in the Meter Dept., working in the group under Foreman George Eylenberg. In June, 1926, she was transferred to the Meter Assembly Dept., Bldg. 19-4, where she was employed until her accident, working under Foreman C. M. Witham.

The funeral was held at the home, 1622 Barthold Street, on Tuesday, March 6th, with Rev. Detweiler officiating. Burial was made in Lindenwood. Besides her husband, Mrs. Bourquin is survived by her father, George Marsh, who lives in Oklahoma, two sisters and a brother.

## Absent Employees

Alvin Hartman, asst. foreman, Small Motor Dept., Bldg. 17-3, underwent an operation for appendicitis recently at the St. Joseph Hospital. As he improved nicely following the operation, no doubt he will be able to return to his home at 844 W. Creighton Ave. before the G-E NEWS appears in print.

Joseph Dehner, Small Motor Dept., Bldg. 17-3, is a patient at a Sanitorium in Hot Springs, Ark. Up to this time there has been very little change in his condition, but we hope it will not be long until he will be able to return, fully recovered.

Lulu Dullaghan, Transformer Dept., Bldg. 26-2, who recently was ill with pneumonia, has been moved from the St. Joseph Hospital to the home of her sister. She reports that she is gaining strength and is hoping to return to work soon.

William Pence, foreman, General Service Division, Bldg. 20-1, has been confined by illness to his home for the past six weeks. Although he is somewhat improved it probably will be some time before he can return to work. His home is at 1201 Van Buren St.

Mrs. Katherine Weigele, Small Motor Dept., Bldg. 17-2, is now at her home at 1408 McClellan St., recovering from a recent operation. Her condition is very good and she is planning to return about the first of May.

Wm. Ehresman, Winter Street Plant, has been away from work for several weeks on account of eye trouble. His recovery has been a little slow but he is hoping to be able to resume his duties in the near future.

Virginia Christman, Transformer Dept., in Bldg. 26-3, is now at her home at 1911 E. Creighton Ave., recovering from an operation. No doubt she would be glad to see any of her friends from the G-E.

Harry Knatz, Meter Dept., Bldg. 26-4, has been sick and confined to his home at 820 Grace Ave. for the past month. Due to the nature of his illness his recovery has been slow, but he reports that he is feeling better and hopes to be able to report for work in a short time.

George Worman, Bldg. 13-C, is a patient at the St. Joseph Hospital recovering from a recent operation. He reports that he is feeling fine and hopes to be able to leave the hospital in a few days.

Harry Mumma, Small Motor Dept., Bldg. 4-4, is now at his home 4001 S. Lafayette St., recovering from an operation which he underwent recently. He reports that he is feeling fine and will no doubt be back at work in a short time.

Lucille Guethe, Transformer Dept., Bldg. 26-2, is now at her home at Taylor and Ardmore Sts., recovering from an operation. Her condition has been good since her operation and she plans on returning to work in a short time.

Frank Hall, Winter St. Plant, is confined to his home at 1118 E. Creighton Ave., because of illness. He is feeling better, and we all hope that he will be back at work before long.

Esther Shannon, telephone operator at Winter Street, has been absent for the last two weeks following an operation for appendicitis. She is improving nicely and is expected to be back at work in a short time.

***Always Play***

***Safety First***

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## That State Tournament

ANOTHER state independent tournament has passed and again the crown rests with a downstate team. The state was divided into regions with the winner of each region competing at Indianapolis. In the local regional the G-E Club five had things pretty much their own way and easily won their way to the regional honors. Fourteen teams participated in the local tournament. The other G-E team, the Mazdas, won their way to the finals and made a creditable showing against the Club five. In the state meet at Indianapolis the G-E team disposed of the Wolf Lake five in their first game, but ran into a snag in the second round, dropping a hard fought game to the South Bend team 24 to 22, after leading 12 to 7 at the half. The Lyons team finally won the tournament. The games were played in Tomlinson hall, which is poorly lighted and playing conditions are far from desirable.

# Special Noon-hour Programs Enjoyed

THE end of the season for the special noon-hour programs is nearing. According to present plans they will be discontinued about May 1st.

On February 10th, Mrs. J. B. Crankshaw, State Regent of the Daughters of the American Revolution, spoke on the subject "Citizenship and Patriotism."

The Unique orchestra, directed by Paul Dannecker, Payroll Dept., contributed music for dancing on February 14th.

On February 17th, some of the pupils of Violet Reinwald and Mrs. Philley-Whitney entertained with dances and readings. Violet and May Wood, employees of the Broadway Plant, were among those who entertained.

The "Serenading Sisters," Ruth and Violet Schweizer, of Station WOWO, gave a number of popular musical selections on February 21st. Appearing, also, on this program was Agnes Westrick, of Radio Transformer Dept. She gave several very interesting readings. On February 24th, Station WOWO entertainers appeared in vocal and stringed instrument numbers.

On February 28th, two instructors from the European School of Music, the Misses Pfeiffer and Hartman, presented a program consisting of piano and violin numbers.

Vernon Sheldon, of the Sheldon School, appeared before the audience on March 2nd and presented a number of humorous sketches.

Some of the dramatic art students of Mrs. Frances Long and several music students, among whom were the Scallon sisters and Dorothy Bolt, appeared here on the program for March 6th.

Pupils of Professor De Silva gave the program of March 9th.

Mrs. Jessie Young, vocal soloist, and little Jean Boxberger, reader, a pupil of Mrs. Frances Long, were the entertainers for March 13th. Hilda Holt accompanied them at the piano.

These programs you will note are given on Tuesdays and Fridays from 12:20 to 12:50 p.m., in Bldg. 16-2. The plant bulletins regularly announce the events.

## Band Programs Broadcast

FOR years employees of our Broadway Plant have been fortunate in their opportunity to hear many noon-hour concerts by the G-E Band. No doubt many of those who have enjoyed these programs have wished that the folks at home could hear them. Thanks to the advent of radio and the co-operation of station WOWO, of the Main Auto Supply Co., and the G-E Company, many families in Fort Wayne and the surrounding country recently have been able to enjoy these programs.

The band is now on its usual winter schedule under which concerts are given bi-weekly. These are played in Bldg. 16-2 at the noon-hour on Thursdays. Leased telephone lines are used to make the connection with the broadcasting station on West Main Street.

The programs start at 12:00 o'clock, only the first half-hour of the music being broadcast. The present arrangement calls for broadcasting of the programs during only the months of February, March and April. Accordingly, there is but one more opportunity during this series for the home folks to tune in and that is on April 19th. They may be assured of hearing some good music on that date.

Mr. Verweire, who conducts the band, says that he has received many compliments on their radio programs. It is to be hoped that at some time in the future further broadcasting of these band programs may be arranged as a permanent feature.

Two Irishmen were excavating for a building, when a spectator inquired. "How is it, Pat, although you and Mike started work together, he has a bigger pile of dirt than you?"

"Shure," was the quick retort, "He's digging a bigger hole."

Teacher to boy—"What is zinc?"

Boy to Teacher—"Zinc is the French pronounciation for think."

**THEY WERE WINNERS**

This picture of the Wire and Insulation Dept. was snapped while they were receiving the Accident Prevention Trophy. This trophy they received in recognition of the fact that they had the best divisional record for the year. The big question now is whether they will succeed in winning the trophy next year. It looks right now like a fight between Decatur and Wire and Insulation. But—you never can tell!

FORT WAYNE WORKS NEWS

*Published on the first Friday of each month by the General Electric Co. in the interests of the employees of the Broadway, Winter Street and Decatur Plants.*

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Vol. 12 April 6, 1928 No. 4

## Safety Paragraphs

WHY do we insult the horse by calling practical jokes, scuffing, and other foolish actions "horse-play?" Many a driver of a horse-drawn vehicle has reached home safely while "under the influence" because the faithful horse kept his head. If an automobile had as much sense as the average horse, instead of having to depend on the driver for direction, there would be far fewer accidents.

The expression may be unjust to the horse but it continues to be used. At this time of the year horseplay may be the result of excessive animal spirits and friskiness that comes with spring. Perhaps this is why April first has been set aside as All Fool's Day.

Wrestling and boxing at the proper time and place, under recognized rules, are excellent methods of using up surplus pep. But sparring and looking for the other fellow's ticklish ribs should be avoided around machinery, on stairways, and while waiting in line at the time clock.

FORT WAYNE WORKS
AWARDED FOR BEST DIVISIONAL RECORD IN ACCIDENT PREVENTION 1927
WON BY WIRE & INSULATION DIVISION

The practical joker loves an appreciative audience and too often he gets it—when the joke is on someone else. The best way to squelch the practical joker is to show disapproval of his stuff.

* * *

All dumb-bells are not to be found in gymnasiums—a lot of them can be found behind steering wheels and others can be found risking their eyes without goggles.

* * *

Individually, there is no greater blessing than a steady job and the ability to work. Too often, we fail to appreciate these benefits until illness or accident makes it impossible to pursue our daily work.

* * *

If safety isn't first there may be no opportunity for other things.

* * *

Few accidents happen when we are wide awake and facing danger. The trouble begins when we turn our back on it, forget about it or let our thoughts wander elsewhere.

* * *

At the time this is written we have gone twenty-one working days without a lost-time accident. That shows that accidents can be avoided.

* * *

A shark is a big fish,—so is the fellow who thinks he's one.

* * *

Based on the number of lost-time accidents by divisions, their standings are as follows, to March 12th:

| | |
|---|---|
| Decatur | 0 |
| Meter | 1 |
| Apparatus | 2 |
| Tool | 2 |
| Expense and Contributions | 2 |
| Refrigeration | 3 |
| Wire and Insulation | 0 |
| Transformer | 3 |
| General Service | 4 |
| Frac. Hp. Motor | 6 |
| Total | 23 |

The trophy for the best divisional record for 1927 was won by the Wire and Insulation Division. The big question now is who will win it this year. So far Decatur has the edge on the rest, but the year is young yet and one never can tell.

J. A. McKim,
Safety Engineer.

## News of Interest

Robert R. Bartel, Switchboard Production Dept., has been appointed airport engineer in charge of the development work at the Paul Baer Field, Fort Wayne's Municipal Airport, and has been granted a three months' leave of absence by our Company, effective March 15th, that he may undertake the work. Mr. Bartel has long been interested in aviation and although not a pilot has visited by plane a number of landing fields in surrounding cities. He holds a captain's commission in the U.S.A. Reserves.

J. H. Evans, assistant manager, Fort Wayne Works, was recently appointed a member of the board of managers of the Irene Byron tuberculosis sanatorium. Mr. Evans succeeds Charles M. Niezer, president of First National Bank, who declined further service on the board because of pressure of business affairs.

Employees who have been with the Company six months or longer and who have not purchased G.E. Employees Securities Corporation Bonds to the amount of $500 during the current year, may purchase such bonds for cash at any time. See the Works cashier, second floor, Main Office Bldg.

### Much Simpler

An inebriated gentleman was going home one evening, according to *Harper's*, when he met a young man who was moving to a new home. The young man was very frugal and had decided to move his own things rather than pay a mover.

On this trip he had a large hall clock on his back. It was very heavy and he struggled until he heard the inebriate one call out.

"Shay, there, you!"

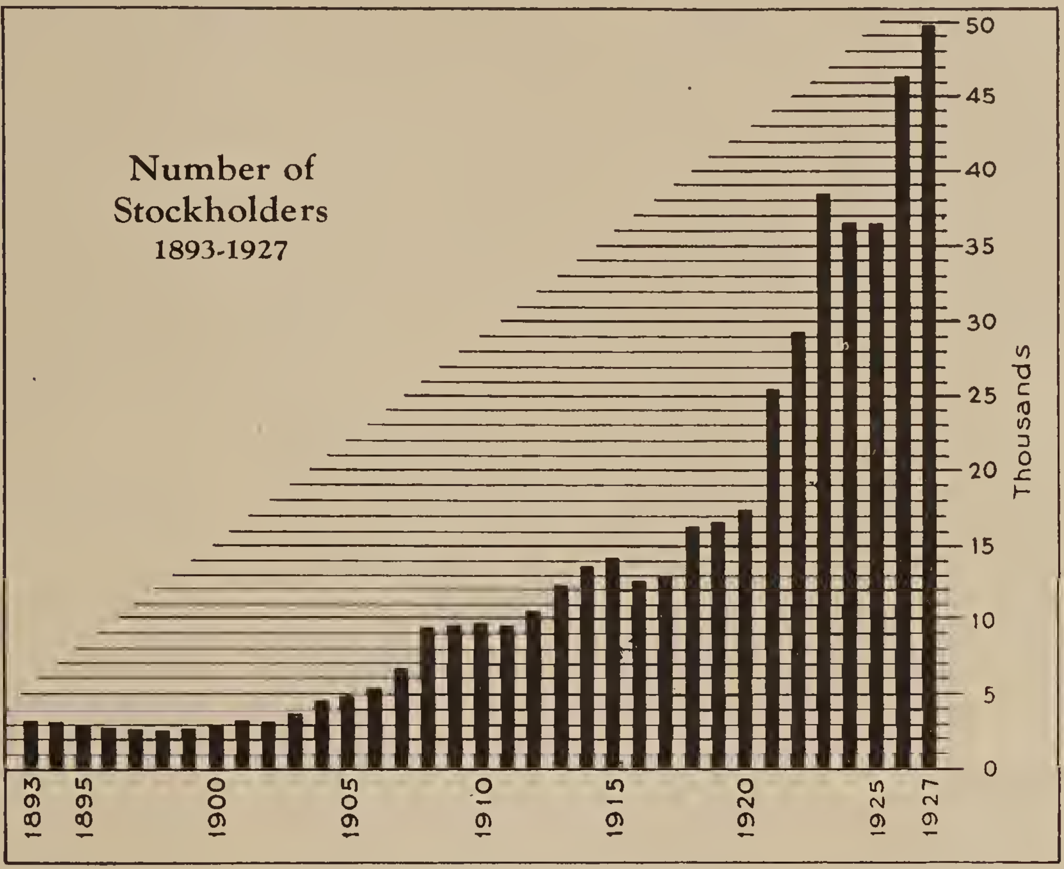
Thinking the man was going to help him, he set down the clock and said:

"Well, sir?"

He was astonished to hear the other stammer.

"Shay, you, why don't you buy a watch?"

# Company Adds New Chapter to Its History In 36th Annual Report



THE annual report of the General Electric Company for the year 1927 has been sent to all stockholders and those employees who own stock will receive copies through the mail. Copies will be given to any other employees upon request.

Orders received during the year 1927 were $309,784,623, compared with $327,400,207 in 1926, a decrease of 5 per cent, and unfilled orders at the end of the year were $68,916,000, compared with $72,297,000 at the close of 1926, also a decrease of 5 per cent.

Sales billed (which represent shipments) in 1927 were 4 per cent less than in 1926 and net income from sales decreased in about the same proportion. Income from associated companies, interest on U.S. Government securities, royalties on patents, etc., increased, so that the total earnings were greater than in the previous year.

Profits for the year 1927, after all charges, amounted to $48,799,488, compared with $46,672,498 in 1926, an increase of 5 per cent. After providing for dividends on special stock, these earnings are equivalent to $6.41 per share on the 7,211,481 shares of no par value common stock in 1927 and $6.14 per share in 1926.

Various other matters of interest to all employees were commented on in the report as follows:

### Employees and Payrolls

"The average number of employees of your Company during 1927, not including those of associated companies, was 72,981, compared with 75,711 in 1926. Total earnings of these employees amounted to $130,798,000 in 1927 and $134,003,000 in 1926. Average annual earnings per employee were $1,792 and $1,770 respectively, an *increase* of ½ per cent. The cost of living, according to the index of the National Industrial Conference Board, *decreased* 2.4 per cent in 1927 as compared with 1926.

"Compared with the year 1914, average annual earnings of employees in 1927 have increased 122 per cent and the cost of living has increased 64 per cent."

The report also indicated that there has been a steady downward trend of selling prices of the Company's products. An interesting example of price reductions due largely to improved manufacturing methods is provided by the incandescent lamp. Since 1920 reductions have been made in the prices of Mazda lamps so that present prices are only 50 per cent of the 1914 prices.

### Unemployment

"For some time your officers have been studying the unemployment and its attendant evils. It is difficult for any one company, especially in so highly competitive a field, to do anything comprehensive in eliminating or, indeed, even affecting to any great extent this very serious problem. Neither one company nor one industry can solve it.

"Your Company has endeavored at all times to have the employment of its tried personnel as continuous as possible and, in times of business recession, has adopted the various means that experience has suggested, such as manufacturing for stock in advance of orders, transferring employees from one department to another, etc.

"Unemployment insurance and means for ameliorating the hardships as they affect individuals, either partially employed or out of work, have been considered, but no final plan has been adopted.

"At the same time, representatives of the employees at some of the factories have given attention to this most serious problem. The Works Council at Schenectady has adopted a Relief and Loan Plan, which is participated in by the employees and the Company on an equal basis, and the following is taken from their report: The records show that 362 employees have been given prompt financial help for emergencies caused by personal sickness, sickness or death in the family, unemployment, and short-time work. Loans to members have amounted to $42,877, without interest.

### Group Life and Disability Insurance

"For nearly eight years your Company has provided group life and disability insurance protecting a large majority of the employees. The 1926 report described a contributory plan which became effective in November, 1925, and since that time approximately $1,650,000 has been paid to 722 beneficiaries, of which $817,000 was under the free insurance policy of the Company, and $833,000 was the additional insurance paid for by the employees.

### Home Ownership Plan

"There has been continued satisfactory progress in the acquisition of homes by employees. During 1927, 365 homes of a value of $2,777,767 were financed under the plan. In all 1,490 employees have been assisted in financing their homes, representing a value of $11,172,191.

### Savings Plan for Employees

"The demand of employees for bonds of the G.E. Employees Securities Corporation has continued, and at December 31, 1927, there were $31,082,560 of bonds owned or being paid for on the installment plan by more than 33,000 employees.

### Pension Trust

"Heretofore your Company has carried as a reserve on its balance sheet an amount sufficient to meet its obligations to employees who had reached pensionable age or were retired on pension. At December 31, 1926, this amounted to $4,260,486. In December, 1927, the amount was increased to $5,000,000, and a Pension Trust of that amount was created.

"Your officers have been studying the pension plan for several years and the Board of Directors recently adopted a new plan, which was announced to employees last December. This plan provides for an earlier retiring age and is made contributory on the part of the employees, so that upon retirement the provision for old age shall be more nearly adequate.

"Pensions amounting to $378,468.51 were paid to 673 retired employees during 1927, some of whom drew pensions for only part of the year. On December 31st there were 607 on the pension rolls.

*The G-E annual report is too long for publication complete in the* NEWS. *But in order that those employees who are interested in reading the entire report may do so, arrangements have been made to send copies to employees on request. Simply address your request to the Publicity Dept., General Electric Company, Schenectady, N. Y. Do not fail to give your own address.*

### Federal Trade Commission Investigation

"On February 9, 1925, the Senate of the United States adopted Resolution No. 329, 68th Congress, 2nd Session ('Norris Resolution'), directing the Federal Trade Commission to investigate and report to the Senate to what extent the General Electric Company monopolizes or controls the production, generation or transmission of electric energy or power, whether produced by steam, gas or water power, and the manner in which such monopoly has been acquired and maintained, or in which such control is exercised in restraint of trade or commerce and in violation of law.

"On January 15, 1926, this Company issued to its stockholders a statement with respect to its position in the electrical industry.

"The investigation of the Commission was exhaustive and involved an examination of records, contracts and correspondence not only of the home office, but at many of the district offices of the Company. Our principal customers and competitors were interrogated. The Company, in accordance with its usual practice, co-operated in every way with the Federal Trade Commission to make full disclosure of all the facts relevant to the inquiry.

"Pursuant to the above resolution, on February 21, 1927, the Commission made its first report, entitled, 'Control of Power Companies' and on January 12, 1928, made its final report, entitled 'The Supply of Electrical Equipment and Competitive Conditions.' The report finds that your Company has no monopoly of either, nor control thereof in restraint of trade or commerce and in violation of law."

A comparison of income and expenses for the two years ending December 31, follows:

| | **1927** | 1926 |
|---|---|---|
| Net sales billed | $312,603,771.53 | $326,974,103.84 |
| Less: Cost of sales, including operating, maintenance and depreciation charges, reserves and provision for all taxes | 276,454,003.37 | 289,878,335.40 |
| Net income from sales | $36,149,768.16 | $37,095,768.44 |
| Income from other sources: | | |
| Income from associated companies | $5,642,884.66 | $4.937,901.17 |
| Income from miscellaneous securities | 1,010,164.14 | 915,835.86 |
| Interest and discount | 3,262,924.08 | 3,047,048.71 |
| Income from U.S. Government securities | 3,787,063.58 | 2,647,502.31 |
| Royalties and sundry revenue | 1,692,881.92 | 1,013,238.27 |
| | $15,395.918.38 | $12,561.526.32 |
| Total income | $51,545,686.54 | $49,657,294.76 |
| Less: All interest payments | 284,485.81 | 436,511.81 |
| Addition to general reserve | 2,461,712.00 | 2,548,284.31 |
| | $2,746,197.81 | $2,984,796.12 |
| Profit available for dividends | $48,799,488.73 | $46,672,498.64 |
| Less: 6% cash dividends on special stock | 2,574,446.55 | 2,357,614.20 |
| Profit available for dividends on common stock | 46,225,042.18 | 44,314,884.44 |
| Less: Cash dividends on common stock | 34,251,774.25 | 19,828,896.75 |
| Dividend paid in special stock | | 7,210,810.00 |
| Surplus for the year | $11,973,267.93 | $17,275,177.69 |

# G.E. Employees Securities Corporation Notes Steady Progress In Sixth Annual Report

### *Average Bondholder Now Has Approximately $1000 Invested*

A YEAR of steady progress, during which more than 1600 employees became bondholders for the first time, is recorded in the fifth annual report of the G.E. Employees Securities Corporation. According to the report, the average bondholder has approximately $1000 invested in these securities and received over $38 semi-annually as an interest payment.

To the Stockholders and Bondholders of the G.E. Employees Securities Corporation:

The results of operation for the year ending December 31, 1927, have been most satisfactory. After paying all expenses of operating your Corporation for the year 1927, and after paying 6 per cent interest on the outstanding bonds, there remains as net income from operations $1,046,845, an increase of $315,465 compared with results during 1926. In addition, there was a substantial profit made from the sale of securities which has not been added to operating income but has been placed, as in previous years, in the reserve for possible future losses which may arise from the sale of securities at less than their cost to your Corporation. This reserve is now $4,421,785.

While your Directors are gratified at this steady growth in income, they are still more pleased with the increase in the number of bondholders of record and the amount of bonds held by them. During the year there was an increase of 1660 bondholders bringing the number of employees in possession of bonds to 27,147 but in addition there were about 6000 new subscribers who had paid for bonds on installment subscriptions making a total of 33,000 employees who were either holders of bonds or entitled to bonds for the amount of their installment payments. The average bondholder has approximately $1000 in bonds and received semi-annually as an interest payment over $38. While the average holdings are substantial, many employees by consistent saving have built their total holdings to over $3000. These employees, in addition to taking their 5 per cent Supplementary Compensation in bonds, have in a large number of cases invested $300 or more a year on which interest was allowed to accumulate without withdrawals.

BOND DIRECTORS, 1927

*Left to right—Front row:* J. Murphy, Pittsfield; H. R. Schaumburg, Baltimore; Harold Whittle, Bloomfield; J. P. Meaney, West Lynn; F. W. Muhlberger. *Back row:* W. F. Koenig, Fort Wayne; D. J. Lannon, River Works; E. J. Cunningham, Bridgeport; R. C. Graham, Schenectady; L. S. Mugford.

The accounts have been audited, as in previous years, by Peat, Marwick, Mitchell & Company, certified public accountants, and a financial statement certified by them is shown for your information.

*Assets and Liabilities:*

The total assets of your Corporation amount to approximately $45,000,000—nearly $10,000,000 in excess of last year. Except for the cash on hand all of this amount is invested in the capital stocks of the General Electric Company and associated companies, and in the stocks, bonds and notes of public utility companies widely distributed over the United States. The securities have been valued at their cost to the Corporation and are divided as follows:

| | Amount | % of Total |
|---|---|---|
| Bonds and notes...... | $ 3,576,307 | 9% |
| Preferred stocks....... | 22,555,104 | 57 |
| Common Stock General Electric Company.... | 7,963,865 | 20 |
| Common stock—others.. | 5,500,580 | 14 |
| | $39,595,856 | 100% |

Your Corporation is the largest holder of General Electric Common stock at this time.

The reports of the light and power companies, whose securities make up the bulk of the holdings of your Corporation, show continued substantial growth and increased earnings. The demand for securities of light and power companies on the part of conservative investors is constantly increasing and this, with other factors, has resulted in a higher market value, which is now considerably in excess of their cost to your Corporation.

Dividends on the capital stock were continued at a rate which yields 8 per cent return to the General Electric Company on its investment, which is the same rate as that received by employee holders of debenture bonds when extra 2 per cent paid to original purchasers of bonds by the General Electric Company is taken in consideration.

The policy was established during 1927 of no longer selling to the General Electric Company additional capital stock in connection with new issues of bonds.

Your Directors felt that the margin of safety back of the bonds was now so substantial that it was unnecessary to continue this arrangement.

The outstanding debentures are now well protected, having a margin of safety back of them amounting to 37.8 per cent. This margin is determined by adding the following items on the subjoined balance sheet:

| | |
|---|---|
| Paid-in Capital (cash paid by G-E Company for stock) | $7,000,000 |
| Surplus earned | 771,315 |
| Reserve for possible losses | 4,421,785 |
| TOTAL | $12,193,100 |

and comparing them with the outstanding bonds amounting to.............$32,250,000

*Income Account*:

The income of the Corporation exclusive of profits from the sale of securities was sufficient to pay the 6 per cent interest 1.63 times on the debentures outstanding on interest dates. The substantial item of profit from sale of securities, as has been previously mentioned, was not taken into account as income but was added to reserve against losses.

**IN THE "BOND OFFICE"**

**Approximately 32,000 proxies for the coming G.E. Securities Corporation election were mailed from this section of the Bond Office, Schenectady, recently.**

The total amount paid debenture bondholders as interest on their investment during 1927 amounted to $1,647,500. This brings the grand total of all payments to bondholders, including the extra 2 per cent paid by the General Electric Company since the organization of the Corporation, to $6,227,975.86.

*Directors, Representatives and Officers*:

The Board of Directors of the Corporation during 1927 has been composed of:

Messrs. C. C. Chesney, H. W. Darling, treasurer; R. C. Graham, A. H. Jackson, vice president; W. F. Koenig, vice president; D. J. Lannon, J. R. Lovejoy, president; G. F. Morrison, vice president; B. G. Tremaine, S. L. Whitestone, vice president, Harold Whittle, L. S. Mugford, John Murphy, E. W. Rice, Jr., H. R. Schaumburg.

There also met with the Board as Representatives, Messrs. E. G. Cunningham, J. P. Meaney and F. W. Muhlberger.

Other officers of the Corporation were Messrs. W. W. Trench, secretary; A. D. Marshall, assistant secretary; John Riley, auditor and Graham Calder, assistant treasurer.

J. R. LOVEJOY, *President*.

## Statement of G.E. Employees Securities Corporation

### BALANCE SHEET

As at December 31, 1927

| | | |
|---|---|---|
| *Assets* | | |
| Investment Securities, at Cost | | $ 39,595,855.48 |
| Accrued Interest on Securities (other than Stocks) | | 62,962.47 |
| Cash | | 5,271,238.50 |
| | | $ 44,930,056.45 |
| *Liabilities* | | |
| G-E Employees Debentures—6%—due February 1, 1973 | | |
| Authorized | $40,000,000.00 | |
| Issued | | 32,250,000.00 |
| Accrued Interest thereon | | 161,250.00 |
| Other Accruals and Expenses | | 45,705.90 |
| Dividend Declared and Unpaid | | 280,000.00 |
| Reserve for Possible Losses on Securities | | 4,421,784.62 |
| Capital Stock and Surplus: | | |
| Authorized, 80,000 shares of No Par Value. | | |
| Issued, 56,000 shares: | | |
| Paid-in Capital | $7,000,000.00 | |
| Surplus— | | |
| Earned | 771,315.93 | 7,771,315.93 |
| | | $ 44,930,056.45 |
| Contingent Liabilities—None | | |

### INCOME ACCOUNT

For the Year Ended December 31, 1927

| | | |
|---|---|---|
| Income: | | |
| Dividends on Stocks Owned | | $2,595,427,33 |
| Interest on Bonds and Other Securities Owned | | 214,835.54 |
| Interest on Bank Deposits | | 57,435.72 |
| | | $2,867,698.59 |
| Expenditures: | | |
| General Expenses | $ 163,834.76 | |
| Interest on General Electric Company Loan Account. | 9,518.74 | |
| Interest on G-E Employees Debentures—6% | 1,647,500.00 | |
| | | 1,820,853.50 |
| Net Income | | $1,046,845.09 |

### SURPLUS ACCOUNT

For the Year Ended December 31, 1927

| | |
|---|---|
| Balance as at January 1, 1927 | $ 388,624.17 |
| Net Income for the Year ended December 31, 1927 | 1,046,845.09 |
| | $1,435,469.26 |
| Less Dividends Paid or Declared | 664,153.33 |
| Surplus as at December 31, 1927 | $ 771,315.93 |

### Certificate of Auditors

We have audited the books and accounts of the G. E. Employees Securities Corporation for the year ended December 31, 1927, and certify that the attached Balance Sheet and Income Account have been prepared therefrom and, in our opinion, properly present the financial position of the Corporation at December 31, 1927, and the net income for the year.

The investment securities are stated at their cost value, the aggregate market value being in excess thereof.

(Signed) PEAT, MARWICK, MITCHELL & CO., New York, N. Y., February 16, 1928.

# An American Business Epic

## *Our Company, 36 Years Old this Month, Has Played Tremendous Role in Harnessing Electricity for Mankind*

*The Schenectady Works in 1886*

THIRTY-SIX years ago this month the two most important electrical manufacturing concerns of the time—the Thomson-Houston Electric Company and the Edison General Electric Company—were merged into one. The resulting corporation was the present General Electric Company, an organization which since that time has maintained a position of undisputed supremacy in the electrical manufacturing field.

During the years which have elapsed since that important day—April 15, 1892, to be exact—the use of electricity has become indispensable in our civilization. Nearly everything we do is affected in some way by the many uses to which electricity has been put. Yet comparatively few realize the tremendous part which our own Company has played in this remarkable "electrical revolution." The developments which have revolutionized the world's methods of doing nearly everything have been due in a considerable degree to General Electric enterprise.

Our Company and its predecessor companies have been largely responsible for the electric light, the electric locomotive, hydroelectric generator, the steam turbine, present-day power transmission practice, electric ship propulsion, radio communication, and many other epoch-making developments. The G-E research laboratories have done work of tremendous importance. This work has been applied to practical purposes by G-E engineers. And the G-E factory organization has transformed the designs of the engineers into actual electrical equipment. Thus, by the close cooperation of the entire G-E organization, the power of electricity has been made available to the world.

The history of our Company is a fascinating epic of modern business; but it is a long story, and only the very highest spots can be touched here.

The Edison General Electric Company was the direct result of the work of Thomas A. Edison. Back in 1869, Mr. Edison, with Franklin L. Pope, a distinguished inventor, formed the very first electrical concern—the firm of Pope, Edison & Company. This firm went through various vicissitudes, as does every pioneer enterprise. In 1876, however, Mr. Edison went into the now-famous laboratory establishment at Menlo Park, N. J.—the establishment which gave Edison the name of "the wizard of Menlo Park." From then on, with varying fortune, his work continued to progress. Other small electrical manufacturing companies were combined with his company. By 1881, a part of the Edison plant at Menlo Park had been moved to New York, under the name of Edison Machine Works. This company and others were merged in 1889 as the Edison General Electric Company, to consolidate the Edison interests.

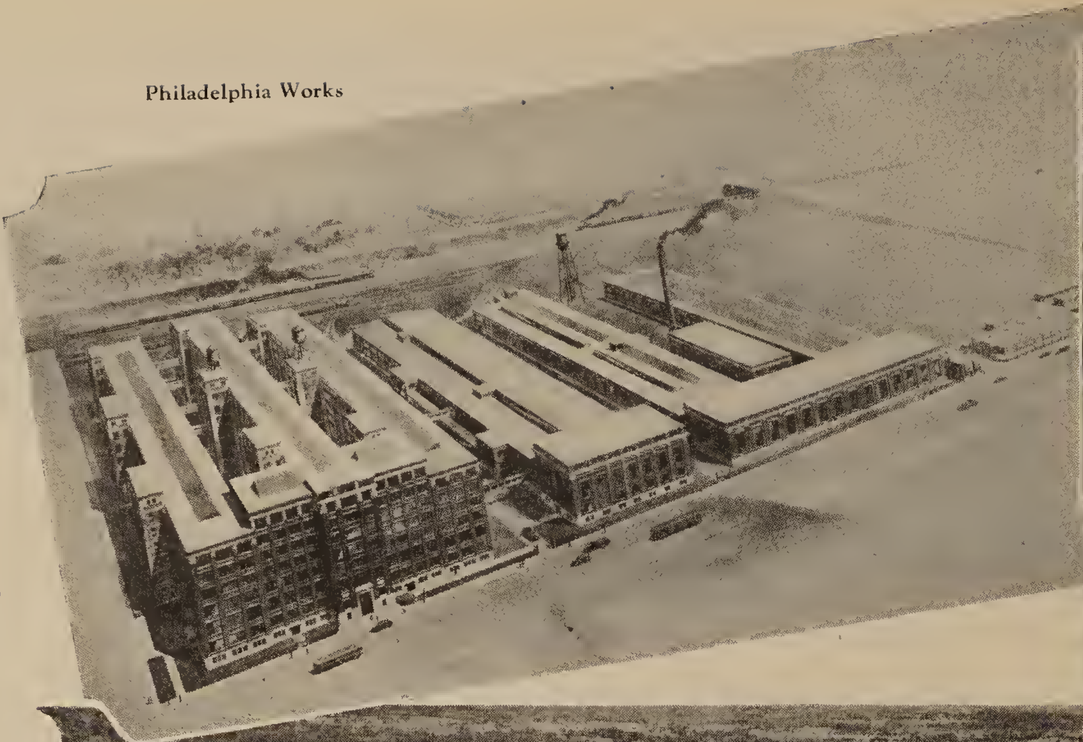
As this Company grew, it began to seek locations for new factories. Lamps were being made in Harrison, N. J. Other apparatus was being made in New York and Brooklyn. Desiring to get away from the metropolis, Edison acquired the small and unused plant of the McQueen Locomotive Company at Schenectady, into which he moved in December, 1886. This plant, which has expanded into the present Schenectady Works of our Company, is shown in the upper right corner.

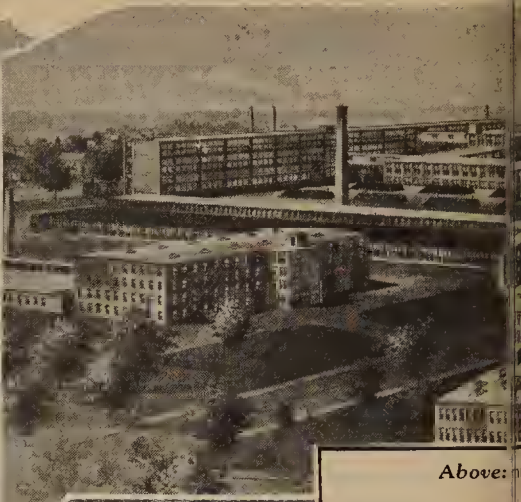
The Thomson-Houston Electric Company, which merged with the Edison interests to form the present General Electric Company, had a similarly eventful history, a history filled with those struggles which are characteristic of any enterprise in a virgin field. Its roots extend back to 1879 in Philadelphia. Prof. Elihu Thomson, who is at present director of the Thomson Research Laboratory, Lynn, and one of the half-dozen most famous electrical engineers in the world, was a teacher of chemistry and mechanics in a Philadelphia school. One of his colleagues was Prof. E. J. Houston. The experiments with electric dynamos and arc lights which these two men carried on resulted directly in the formation of an electrical manufacturing organization known as the American Electric Company, with a factory in New Britain, Conn. After a period of ups and downs, the Thomson-Houston Electric Company, of Lynn, emerged as the successor of the American Electric Company. Charles A. Coffin, who was at that time a Lynn business man, became the dominant figure, and it was in a large measure to his skill and effort that the success of this enterprise was due. He was especially interested in the development of foreign business, and the permanence of his work is shown by the fact that the General Electric affiliated Company in France today is known as the Compagnie Francais Thomson-Houston, in spite of the fact that the Thomson-Houston Electric Company no longer exists.

The merging of the Thomson-Houston and the Edison companies, which came about in 1892, forming the General Electric Company with Mr. Coffin as president, was largely stimulated by the desire to give the public the very best that could be produced—an object which could only be accomplished when the inventions of both organizations were embodied in the working apparatus.

# The Principal Apparatus Factor

Philadelphia Works





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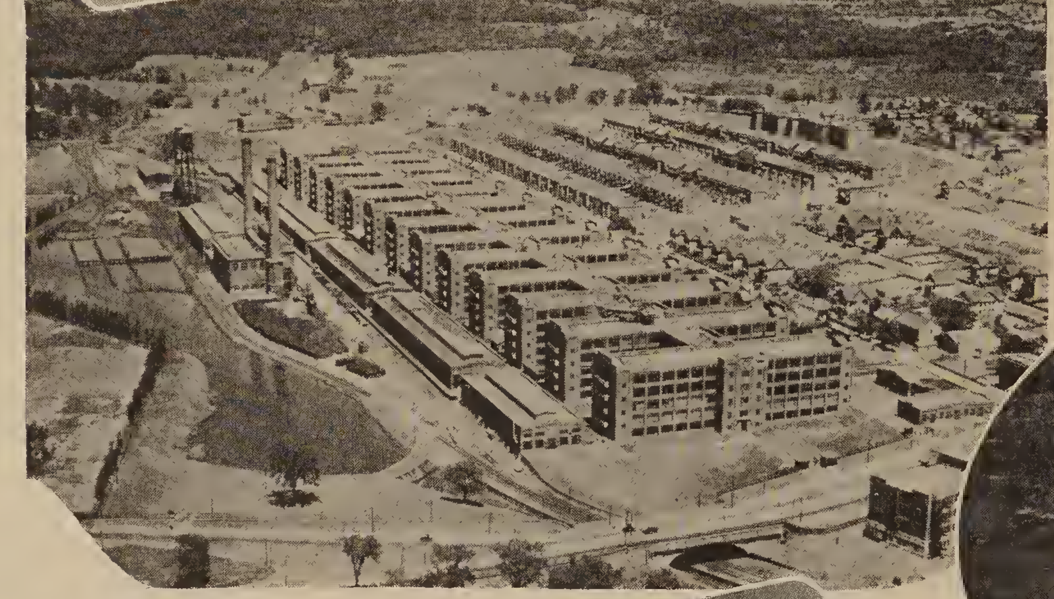
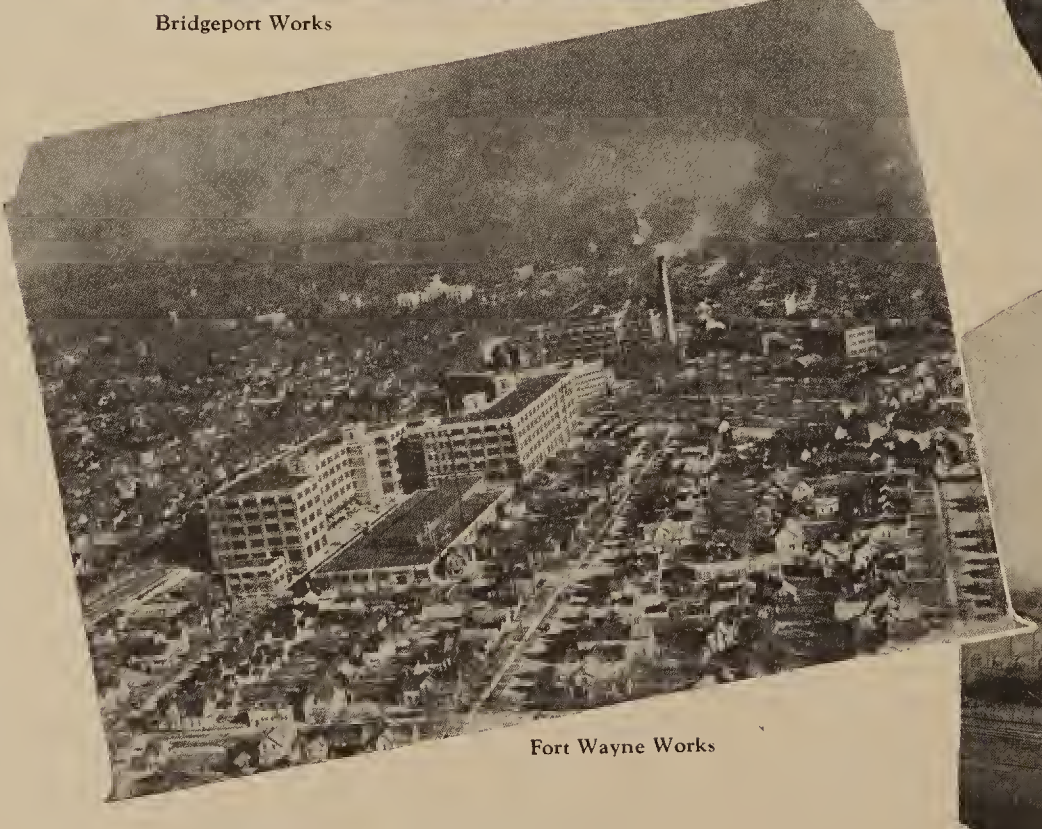


Bridgeport Works

Above: Pit

Below: Bloc



Fort Wayne Works

# f the General Electric Company

n Works

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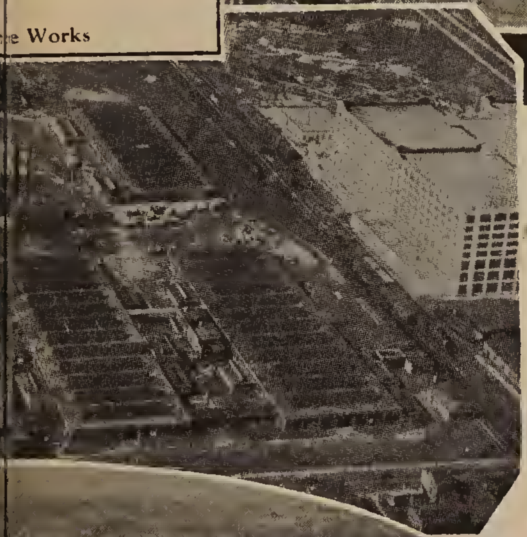

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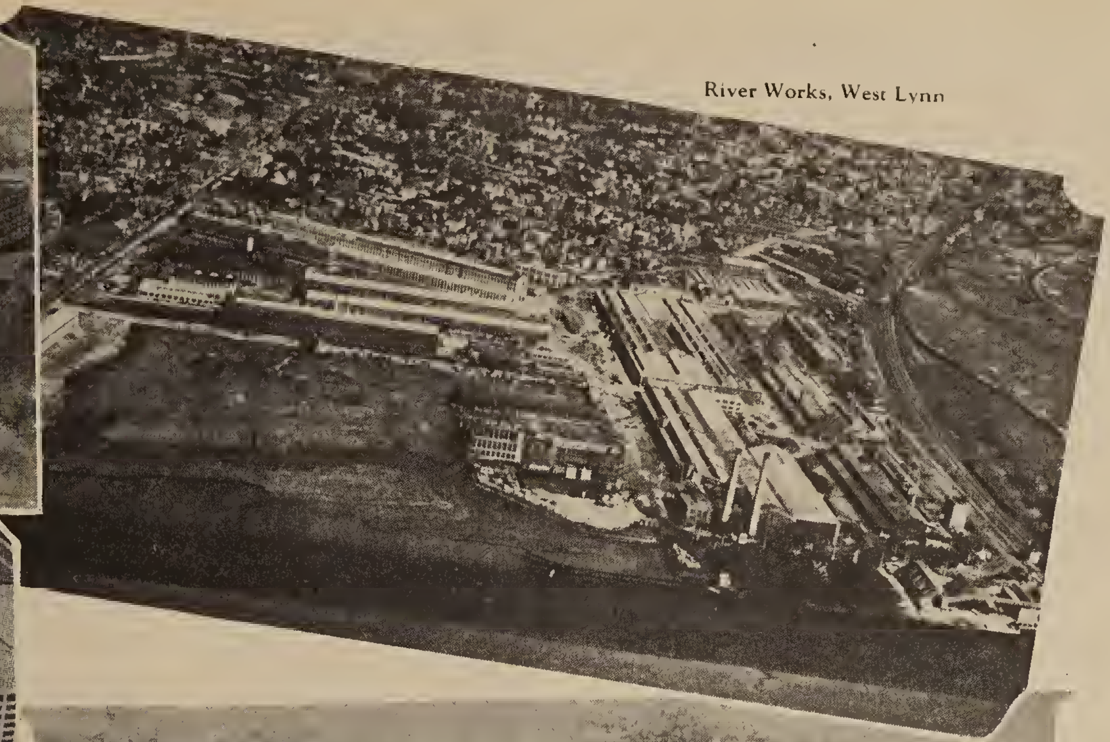


River Works, West Lynn

Schenectady Works

Erie Works

The gain following the consolidation was enormous. The engineering and research forces of the two companies were able to spend their best efforts in furthering the development of more perfect types of apparatus instead of wearing themselves out in the attempts to avoid the patents of the other company. The sense of relief which the removal of these obstacles brought about was shared not only by the business officials, legal advisers, engineers and inventors, but by everyone engaged in the business, while the relief to the customer was equally great.

The growth of the business since that day has been enormous. In 1892 there were 7000 employees. Today there are approximately 73,000. In 1892 the engineers spoke of generators in terms of hundreds of horsepower. Today they speak of generators in terms *of thousands and even tens of thousands* of horsepower. In January, 1893, the total factory floor space was 400,000 square feet. Now it is reckoned in tens of millions of square feet. Yet, the truth is that the age of electricity has only begun. There stretches ahead of us a vista of untold possibilities. And in the work of exploiting the power of electricity, of placing it ever more and more at the service of mankind, every employee of our Company has a rare opportunity for service in the years to come.

Today our Company operates factories in 25 cities in the United States. A few of the more important facts about the chief manufacturing plants, and a description of the electrical equipment which they manufacture, follows:

### Schenectady Works

General Electric normally employs some 23,000 men and women at the Schenectady Works and offices. The plant covers 645 acres and its 365 buildings contain 6,700,000 square feet of floor space available for manufacturing. Here also is located the largest of the Company's research laboratories.

The principal apparatus manufactured at Schenectady includes large turbine sets (10,000-kw. and above); large induction motors; marine generator sets; motor-generator sets; generator voltage regulators; direct-current generators; synchronous converters; aviation lighting equipment; alternating-current generators; synchronous motors; industrial control apparatus; wire and cable; railway line materials; industrial motors; searchlights; radio apparatus (receiving and transmitting); Coolidge tubes; electric refrigerators; industrial heating devices; solenoid brakes; mercury arc rectifiers; insulating compounds; and welding apparatus.

### West Lynn and River Works

At West Lynn, Mass., our Company has two plants which, together with a branch foundry at Everett, Mass., comprises an area of nearly two hundred acres with manufacturing floor space of 3,500,000 square feet, and employ normally upwards of 12,000 men and women.

The older of these plants is known as the West Lynn Works, where meters, instruments, demand indicators, electrodes, rectifier tubes, Tungar Bulbs, and instrument transformers are manufactured. This plant is one of the oldest G-E factories, having been erected in 1884.

The other plant at West Lynn, known as the River Works, is the second largest of the Company's plants. The principal apparatus manufactured at this plant consists of: constant current transformers; small turbine sets (up to 6000 kw.); induction motors; direct-current motors and generators; arc lamps; street lighting equipment; headlights; incandescent searchlights; traffic signals; small motors; automotive motors; gears and pinions; Textolite and Fabroil gears; centrifugal compressors; Tungar rectifiers; arc welders; and quartz products.

### Pittsfield Works

The present Pittsfield, (Mass.) Works of General Electric has grown from the little plant started in 1891 by William Stanley the electrical pioneer chiefly responsible for putting the transformer into practical use. Today the transformer, greatly increased in efficiency, in usefulness, and in number of types and sizes, is still the chief product. The Pittsfield Works also manufactures lightning arresters; feeder voltage regulators; industrial heating devices; single-phase motors; current-limiting reactors; primary cutouts; and capacitors.

Stanley's original force of 16 men has grown to 7000, and the buildings, which occupy a tract of 153 acres, contain 2,350,000 square feet of floor space.

### Fort Wayne Works

Nearly half a century has passed since the founding of the Fort Wayne Jenny Electric Light Company from which has grown the present Fort Wayne (Ind.) Works of General Electric. The plant, with its branch at Decatur, Ind., now covers an area of 79 acres, and the buildings contain more than 1,600,000 square feet of floor space. There are normally about 6000 employees. Fractional horsepower motors; meters and instruments; transformers; dynamometers; refrigerating apparatus; alternating- and direct-current generators and motors; and motor-generator sets are manufactured in Fort Wayne. The Decatur Works manufactures fractional horsepower motors.

### Bloomfield Works

The Bloomfield (N.J.) Works occupies 30 acres. The buildings contain 600,000 square feet of available floor space. The 2000 men and women normally employed at this factory are engaged in manufacturing switchboard panels; control devices; rheostats; controllers; thermal relays; and miscellaneous magnetic control.

### Erie Works

Before the construction of the Erie (Pa.) Works was started in 1910, a ground plan was laid out to provide for a plant of even greater size than has yet been built, although the number of major buildings has already increased from two in 1911 to fifteen, and the floor space from 275,000 to 2,365,000 square feet. The Erie Works now covers 446 acres, and the carefully thought-out ground plan gives an abundance of light and air in all the buildings and allows efficient routing of manufacturing operations.

The 5000 men and women normally employed are engaged in manufacturing electric locomotives (railway, mining, and industrial); railway motors and control; reciprocating air compressors; transformers; alternating-current generators; synchronous motors; and crane, mill, and hoist motors.

### Bridgeport Works

The Bridgeport (Conn.) Works houses the manufacture of our Company's electrical merchandise lines. If you have a "G-E Wiring System" in your home, it was made at this plant. The buildings, including a branch plant at New Kensington, Pa., all of which are of the most modern design, contain about 1,650,000 square feet of floor space and cover 49 acres of land. About 3200 men and women are normally employed.

The principal products are: Wiring devices; code and fixture wire; rubber-covered wire and cable; flexible conduit; welding electrodes; and electric fans.

### Philadelphia Works

The Philadelphia Works is the newest factory and is headquarters for the development and manufacture of switchboards and accessories; air circuit breakers; oil circuit breakers; relays; indoor lever and disconnecting switches; automatic substation equipment; and outdoor station equipment.

A new seven-story brick and concrete building, completed in August, 1927, contains over 450,000 square feet of floor space, bringing the total at the Philadelphia Works to over 1,000,000 square feet. The ground area is about 28 acres. At present there are about 3000 employees.

### Baltimore Works

Baltimore Works employs 1100 men and women, occupies an area of 39 acres and contains 475,000 square feet of floor space, of which 450,000 are occupied for manufacturing purposes. The plant is one

*(Continued an page 12)*

# “Total and Permanent Disability”

An employee in one of the Works of our Company fell very ill recently. He was a young man—his age was only twenty-five years—and because he was without dependents he had accumulated no savings, to fall back upon in case of emergency.

For weeks he was in the hospital, wavering between life and death. Physicians did everything in their power to save his life, but despaired of success. Finally, however, the crisis was passed. His life was saved. And slowly, very slowly, he made his way back to recovery.

But one terrible result of his long illness is that he will be crippled for life. He has become permanently and totally disabled.

When the young man had finally been removed from the hospital, a representative of the Works Industrial Service Dept. went to visit him. Together they talked over the young man's future career. What would he be able to do? Was there any possible way of his continuing to earn a livelihood? The outlook was discouraging. But, so the industrial service man thought to himself, at least there was one bright fact. And as he got up to leave the young man, he mentioned it.

“I'll put in a claim for total and permanent disability on your additional insurance policy,” he said.

The young man, lying pale and feeble, looked up at him in astonishment. He said nothing. Then the industrial service man spoke again.

“You've got the G-E additional insurance, haven't you?” he asked.

“No,” said the young man weakly. “No, you see I was so young that I didn't see any reason why I should have insurance.”

“But didn't you know that additional insurance pays you money in case you are totally and permanently injured?” asked the industrial service man.

“No,” said the young man, smiling pathetically at his visitor, “I thought it was just in case a fellow died.”

So this young man—hardly more than a boy—is compelled to go through life with a terrible handicap. He will not be able to receive even the disability benefit which is allowed to all holders of additional insurance who become totally or permanently injured.

The industrial service man has since investigated, and finds that many do not know about the permanent disability clause. There are many who believe that the additional insurance is valueless except in case of death.

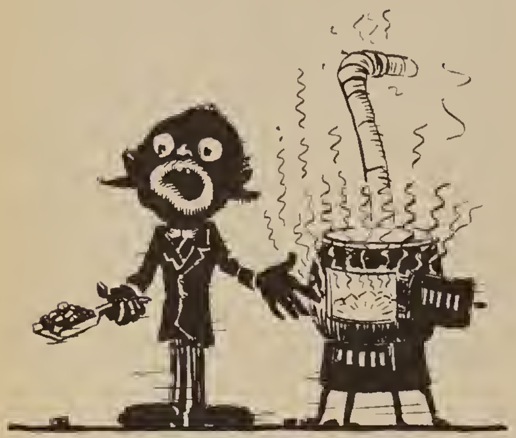
But the fact is that every single holder of a G-E additional insurance policy is a possible beneficiary under this clause. It is just one more *very important* reason why no G-E man or woman should be without the G-E group insurance. Your foreman will tell you where to get all the facts about the G-E insurance plan. Wouldn't it be a good idea to talk the matter over with him?

| Years | Date of Death | Employees | Age | Beneficiary | Free Ins. | Add'l Ins. |
|---|---|---|---|---|---|---|
| *Schenectady Works* | | | | | | |
| 18 | Jan. 19 | William C. Bloodgood... | 60 | Estate | Yes | Yes |
| 4 | July 18 | Guiseppe Ciriacco...... | 56 | Undertaker | Yes | No |
| 29 | Jan. 27 | Abraham F. Boughton.. | 73 | Wife | Yes | No |
| 20 | Jan. 28 | Cicero Cappello........ | 72 | Wife | Yes | No |
| 29 | Jan. 31 | Michael Voegtling...... | 63 | Wife | Yes | Yes |
| 7 | Feb. 5 | Harry P. Brumaghim... | 32 | Wife | Yes | Yes |
| 27 | Feb. 3 | Henry P. Kegler....... | 67 | Wife | Yes | Yes |
| 38 | Feb. 8 | Joseph Cummings...... | 57 | Wife | Yes | Yes |
| 12 | Feb. 7 | David B. Marshall..... | 37 | Wife | Yes | Yes |
| 23 | Feb. 9 | John Krinski.......... | 46 | Wife | Yes | Yes |
| 18 | Feb. 18 | Canute O. Osterberg.... | 64 | Wife | Yes | Yes |
| *River Works* | | | | | | |
| 3 | July 4 | Sam Potok............ | 47 | Daughter | Yes | Yes |
| 9 | Jan. 31 | Christine A. Morrison... | 48 | Niece | Yes | Yes |
| 11 | Feb. 4 | Theodore S. Dresser.... | 57 | Wife | Yes | Yes |
| 12 | Feb. 17 | Ernest F. Durfee....... | 33 | Wife | Yes | Yes |
| 20 | Feb. 21 | Henry H. Ricker ...... | 58 | Wife | Yes | Yes |
| *Pittsfield Works* | | | | | | |
| 21 | Jan. 8 | Thomas J. Malumphy... | 51 | Estate | Yes | Yes |
| 6 | Jan. 25 | Antonio Sperlingo...... | 33 | — | No | Yes |
| 4 | Feb. 13 | Everett Burr.......... | 30 | Wife | Yes | Yes |
| 11 | Feb. 17 | Peter B. Colwell....... | 57 | Wife | Yes | Yes |
| *Erie Works* | | | | | | |
| 2 | Feb. 7 | William H. Yates....... | 33 | Wife | Yes | No |
| 10 | Feb. 19 | Joseph A. Meahl....... | 55 | Son | Yes | Yes |
| *Fort Wayne Works* | | | | | | |
| 9 | Jan. 31 | Nina Valodin.......... | 47 | Adult child. | Yes | Yes |
| *Bloomfield Works* | | | | | | |
| 1 | Mar. 18 | Casino Pannulla........ | 24 | Mother | Yes | No |
| 9 | Feb. 4 | Herbert F. Downs...... | 43 | Wife | Yes | Yes |
| 7 | Feb. 23 | Charles W. Loines...... | 57 | Wife | Yes | Yes |
| 9 | Feb. 27 | Joseph C. Wilks........ | 36 | Wife | Yes | Yes |
| *Bridgeport Works* | | | | | | |
| 3 | Feb. 8 | Charles Ebert.......... | 47 | Mother | Yes | Yes |
| *Baltimore Works* | | | | | | |
| 5 | Jan. 16 | Philip S. Magruder..... | 52 | Sister | Yes | No |
| *General Office—Boston* | | | | | | |
| 9 | Jan. 29 | Harry E. Thayer....... | 39 | Wife | Yes | Yes |
| *Philadelphia* | | | | | | |
| 28 | Jan. 18 | Edwin H. Porter....... | 55 | Estate | Yes | Yes |
| *Incandescent Lamp Dept.* | | | | | | |
| 20 | Feb. 14 | Mary E. Whitehead.... | 52 | Children | Yes | Yes |
| 19 | Feb. 20 | Charles Pierce......... | 80 | Wife | Yes | No |

| | Free Insurance | | Additional Insurance | |
|---|---|---|---|---|
| | No. | Amount | No. | Amount |
| Claims paid month of February, 1928.... | 32 | $33,349.57 | 26 | $37,000 |
| Previously reported, 1928.............. | 28 | 33,350.00 | 29 | 67,500 |
| Total claims paid (2 mos.), 1928........ | 60 | $66,699.57 | 55 | $104,500 |

Total claims paid since Nov. 16, 1925.................................... $1,744,348.26

# What We're Thinking About



## Jest Staht Thinkin'!

MAYBE you've heard this story and maybe you haven't. But whether you have or not it's got a pretty good point.

The story is about a temperamental colored preacher. This preacher, when he felt like it, could shout hell-fire and brimstone at his congregation with the best of them. But when he *didn't* feel like it, nobody under the sun could get him to preach.

One Sunday he felt less like preaching than he ever had before, as he waited for his congregation to assemble. The members of his flock slowly gathered, and his little church was presently filled. For some time his congregation sat there in silence. It was plain that the minister was not in the best of spirits. All during the opening parts of the service, too, the minister did not sit quietly as he usually did, but busied himself with the stove, poking and raking and blowing. Soon the whole stove was glowing red. The interior of the church got hotter and hotter. The members of the congregation began to move uneasily in their seats.

Then came the time for the sermon. The minister stood up straight, coal shovel in hand.

"Brothahs and sistahs," he began, "jest cast yo' eyes on dat red-hot stove."

He paused for a moment, then continued: "All right," he said, "jest gaze at it awhile; den staht thinkin'."

It wasn't a very long sermon, but it was effective.

There is a point in that colored minister's two-sentence sermon that will bear emphasis. It isn't always necessary to preach in order to bring about a desired result. In fact there are many who don't like to listen to preaching at all. A much more effective way is to get people to thinking along a desired line. For instance, in the matter of safety. No amount of talking can make a man be careful in his work. But let him once get to *thinking* on the subject. Let him get to thinking of the things that may happen if he *isn't* careful. It won't be long before he's a safety booster.

## Finding the "Better Way"

A TABLE which summarized the results of the Suggestion System for last year was published in the March 2nd issue of the magazine. The table was published without comment, but in its columns was a story of interest to every G-E man and woman.

They all started from Suggestions

During the year 1927 a total of more than 15,000 suggestions was turned in to the Suggestion Committees of the various Works—an increase of nearly 1500 over the number turned in during the previous year. Of the 15,000 suggestions submitted, almost 5000 were actually adopted and put into effect. G-E men and women actually proved 5000 times last year that "there is always a better way."

### Applications Available

Charles P. Steinmetz
Memorial Scholarships
Gerard Swope Loan Fund
at Union College
General Electric Educational
Loan Fund

*Application blanks for the above are now available and may be secured from the Secretary, Education Committee, General Electric Company, Schenectady, N. Y.*

*Applications for the academic year 1928-1929 must be filed with the Education Committee on or before May 1, 1928.*

On these successful suggestions, awards to the total of $51,567 were made. In size these awards ranged all the way from a few dollars up to $500, the average award being approximately $10.50 for every suggestion accepted. This means, of course, that the bulk of the awards were small ones, and were made on relatively minor suggestions. Yet there was a satisfactory sprinkling of those larger suggestion awards which the Company is constantly looking for an opportunity to make. The awards are made in strict accordance with the value of the suggestion. A $500 award, roughly speaking, represents a suggestion which is 100 times as important as that represented by a $5 award. For this reason the Company is even happier to be able to make large awards than it is to make small ones.

Every bit of progress ever made in the world was originally the idea—or the suggestion—of some one person. The whole of our civilization, with its radio, its electric lights, its railroads, and its other achievements, is but the sum of all the individual ideas—suggestions is another name—of those who believed there was a "better way." Men and women of this type are the ones who are making the G-E Suggestion System so successful.

# Around the World with General Electric

### Australia

Some time ago there was an item on this page about the tin bunny in Australia which was used in connection with greyhound races. It has been found that the dogs will no longer chase this motor-driven tin rabbit around the track. It *does* seem insulting to a dog's intelligence to expect him to go running around in a circle after a piece of tin. The latest suggestion is that a real rabbit be placed in a revolving cage and sped around the track by the same G-E motors that were used formerly, thus giving the dogs a real smell of rabbit!

### Brazil

Coffee is "a drink made by infusion or decoction from the roasted and ground or pounded seeds of a certain shrub or small tree known as the *Coffea Arabica.*" Most of our coffee comes from the South American republic of Brazil, where it forms 65 per cent of the total exports. But contrary to the general belief, coffee is not a native product of Brazil, but was found originally in the African kingdom of Abyssinia. It was first introduced in 1727, being brought by Dutch settlers from Holland. Intensive cultivation began about the time of the American revolution, and has continued ever since. Rio de Janeiro, the Brazilian city, is now the chief coffee port of the world. Today in one Brazilian state alone there are 970,000,000 plants producing coffee. What's the connection with General Electric? Simply that thousands of G-E motors grind this coffee, so that it may be used in hundreds of Hotpoint percolators.

### Japan

When Tokyo recently opened its new subway, the very first subway in the Orient, the gates were crowded from 6 o'clock in the morning until 12:30 the next morning, when they were closed. Many people stayed around just for the thrill of riding underground for the first time. The turnstiles were furnished through the Tokyo office of the I.G.E. and the cars were run by G-E motors.

### Colombian Republic

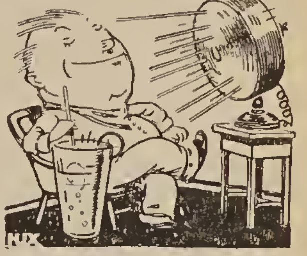
Gold! This precious metal has lured thousands into its pursuit. Back in the days of '49 when the gold rush started for California, men panned the river beds with small screens and little tin pans. Now, when gold is discovered, a prospecting company is formed. Modern dredging apparatus is used, and the gold is found more quickly, obtained in larger quantities, and obtained more efficiently. Recently a mild gold rush has taken place in this tropical land on the north coast of South America. And the dredge that's going to do the digging will be electrically equipped and operated by power generated by G-E equipment.

### Ohio

Not long ago the papers carried announcement of a new type of trolley car which has individual seats and looks more like a bus than a car. Now comes news of a bus that has seats along the sides and looks more like a trolley car than a bus. It is gas-electric, and will carry 40 passengers. In place of the usual hood in front there is a regular trolley car vestibule, while the generating equipment is placed under the seats along the sides. The propulsion mechanism is of G-E manufacture.

### On the High Seas

George Eastman, head of the Eastman Kodak Company, recently wrote in from aboard the S. S. *Dal,* in which he is cruising. "It is pretty hot in the middle of the day," he said, "100 degrees as I write And we're revelling in cool drinks." He says that the G-E refrigerators with which the ship is equipped make life much more comfortable in the hot climate around Africa. Just another instance of the way General Electric is helping to make the world more comfortable.



### New York

A new type of electric locomotive of very unusual design has been placed on test by the New York Central lines at New York. This locomotive will run on power from any one of four sources. It can operate by storage battery. It can run from the engine generator and the storage batteries. It can operate from a third rail. Or it can operate from an overhead trolley wire. Someone said the next development will be a locomotive that breaks into a gallop at the sight of a telegraph pole.

### Costa Rica

*La Tribuna,* a newspaper in San Jose, Costa Rica, bought through International General Electric a large Federal siren, which is installed on its building. This gives the populace warning of any outstanding event. The first use was made of it when the safe arrival of Lindbergh in Paris was announced. Just a few months later it was used to announce that Lindy, the Lone Eagle, had arrived in Costa Rica.

## An American Business Epic

(*Continuea from page 8*)

of the units of the Switchgear Dept. and the chief products of manufacture are outdoor station equipment, switchboard panels, air and oil circuit breakers, tube terminals and other fittings. Baltimore also has a large Brass Foundry with an output of 250,000 pounds per month, supplying castings for several of the other apparatus factories as well as local demands.

### Oakland Works

The Pacific Coast factory of General Electric, located at Oakland, California, covers an area of eight acres and contains 64,000 square feet of available floor space. The Oakland Works employs 200 men and women in the manufacture of transformers, induction motors, and switchboard panels.

The Pacific Coast broadcasting station of the Company, KGO, is also located at Oakland.

### Incandescent Lamp Works

The Incandescent Lamp Department operates plants employing normally about 7800 men and women and producing Edison and National Mazda incandescent lamps, vacuum tubes, and accessories, such as glass, bases, wire, etc.

These plants are located in Bridgeville, Pa.; Buffalo, N. Y.; Cleveland, Ohio; East Boston, Mass.; Harrison, N. J.; Newark, N. J.; Niles, Ohio; Oakland, Cal.; Providence, R. I.; St. Louis, Mo.; Warren, Ohio; and Youngstown, Ohio.

Modern production methods have replaced hand labor with machinery of uncanny skill in the intricate work of winding lamp filaments, fitting them to the base, and sealing on the glass globe. This, coupled with the standardization of sizes, has brought the price of lamps in 1927, 44 per cent lower than in 1924. At the same time, continuous laboratory research has effected the many improvements and the greater efficiency of the Mazda lamp of today.

## Everett Iron Foundry Receives Trophy

ON March 6th, the Everett Works Iron Foundry received a bronze tablet in the name of President Swope as a recognition of its having passed one year without a lost-time accident, the presentation being made by G. E. Sanford, secretary of the General Safety Committee. January 7th marked the completion of the year. The record is unique in that the work of handling molten metals in the making of castings is particularly hazardous, and for this reason special recognition was given to their record. Several other departments also have made unusual records in avoiding accidents; the Chipping Dept. had not had a lost-time accident since July 25, 1925, while the Service and Maintenance group have been without one since March 15, 1926. The entire Works had been free from accidents since August 23, 1927.

The employees of the plant wear safety buttons as daily reminders of the safety campaign. A safe day contributes greatly to the happiness of the whole family. The men at the Everett plant are firm believers in this maxim, as is shown by their record. The Safety Committee, composed of employees, acts as an advisory council in the safety campaign, reviewing all accidents to determine the cause, and suggesting preventives wherever possible. Frequent inspection trips are made through the plant to discover the existence of hazards and remedy them.

It is through the co-operation of the whole personnel of the Everett Works that the record has been made and it is hoped that other plants will emulate the good example set by this group of 450 safe and sane men.

## Insurance and Pension Plan Modifications

*Since the announcement of the proposed modifications of the Insurance and Pension Plans of the Company in the January 6th issue, much consideration has been given to them by the representatives of the employees at the various Works, and all their comments and suggestions have been carefully considered.*

*Two views most often expressed have been:*

First, *that the plans should apply to new employees before the expiration of the five years' service, and*

Second, *that the plans should be put into effect at an earlier date.*

*There are some difficulties as to the first, and it is being given further consideration and study. As to the second, it has been decided because of the expressed desire to make these plans* effective July 1, 1928, *rather than January 1, 1929, as was at first proposed.*

Gerard Swope,
*President.*

## Inter-Works Safety Contest

VERY little improvement was noted in the Inter-Works Safety Contest ratings for February. York was still free from accidents and went into first place, pushing Philadelphia down into second position. Only three plants, Bloomfield, Oakland and New Kensington had improved their January records.

Below are the standings for February, those marked with an asterisk (*) having shown improvement over the January record.

| Division 1 | Division 2 |
|---|---|
| York | Baltimore |
| Philadelphia | Erie |
| Bloomfield* | All Plants |
| West Lynn | Schenectady |
| Ft. Wayne | New Kensington* |
| Bridgeport | **River Works** |
| Oakland* | Pittsfield |

## Patents Granted

PATENTS have been granted by the United States Government in the names of the following employees of the General Electric Company:

*Schenectady*: Oliver C. Traver, protective arrangements; Frank A. Benford, mirrors; William D. Coolidge, X-ray devices; Harry C. Thompson, shielding systems; Christian Steenstrup, methods of and furnaces for uniting metal parts by fusion; Dudley A. Mullaney, filament supports for vacuum tubes; Albert W. Hull, electron-discharge devices; Carl L. Ipsen, carburizing apparatus; Gordon R. McDonald, regulating systems; James L. McFarland, electric furnaces; David C. Prince, electrical systems; Henry C. French and Edward W. McSheen, swivel wheels; Gerald R. Brophy, metallic gears and methods of making the same.

*Lynn*: Isaac F. Kinnard and William H Pratt, electrical measuring instruments; Edgar D. Dickinson, electric-ship-propulsion installations.

*Pittsfield*: Thomas C. Lennox, continuous-current transformers; Svend E. Johannesen, transformers.

# GIRLS' SECTION

## Elex Club Girls Attended Mid-winter Conference

AGNES Westrick and Mrs. Zola Johnson were the members of the Elex Club selected to attend the Mid-Winter Conference of the Federation of Industrial Clubs held at Indianapolis, Saturday and Sunday, March 17th and 18th. As girls who have never attended such a conference probably haven't a very clear conception of what these conferences really are like, we will give a short résumé of the reports of these two girls:

Upon arriving at Indianapolis Saturday afternoon we went immediately to the Y.W.C.A. and on registering were assigned to be entertained over-night in the homes of two of the girls of the Indianapolis Federation. However, we remained for the time being at the "Y" and were privileged to inspect their wonderful building, which has three swimming pools, a very large gymnasium and a beautiful auditorium wherein the conference sessions were held.

The theme of the conference was that "Love and Happiness in Labor is True Romance." The attractive folder containing the program was entitled "Roads to Romance," and in the first session, on Saturday afternoon, a short half-hour's meeting from 5:30 to 6:00 p.m., the president of the Indianapolis Federation gave a very interesting talk in which she depicted the difference and yet the similarity between the work of our great grandmothers at their spinning wheels and looms laboring directly for their loved ones, and the work of girls of today in the industries, the product of their labors ultimately going to serve their fellowmen.

At 6:00 p.m. the banquet was held,—seventy-five visiting delegates from other cities in Indiana being present. A very interesting program followed the banquet. After the program came recreation, and each girl was free to follow her own inclination. As our hostesses were anxious to show off their city to the best possible advantage, they took us to attend a play at the new Indiana theater.

The first subject at the Sunday morning session was "Spiritual Romance." The next subject was "Romance Roads of Today." At this meeting we were divided into small groups, each group taking up for discussion a different "branch" of the "Road." These discussion groups were in session for approximately one and a half hours and then all gathered in one big assembly again where the leader of each group gave a brief summary of the discussions.

From 1:00 to 1:45 p.m. dinner was served in the "Y" cafeteria, each girl choosing her own place to sit. After the dinner all again assembled in the auditorium and listened to an interesting address on "Roads to Romance," followed by some romancing music. As the final event a Romantic Tea was held in the lobby. Again we were free to talk, laugh and be merry with whomever we pleased. As Saturday was St. Patrick's Day, a color scheme of green and white was carried out everywhere.

"Altogether it was a very interesting experience, and we both enjoyed it very much," says Miss Westrick and Mrs. Johnson, "and we want to thank Elex Club for having confidence in us and sending us to attend."

### In April

*The robins sing a song of spring,*
*In April,*
*The rays of spring the blossoms bring,*
*In April,*

*My joy I scarcely can restrain*
*At sight of spring's bright sun again—*
*Oh, darn! It's starting in to rain!*
*In April.*

*On hill and plain the gentle rain,*
*In April,*
*Descends again and not in vain,*
*In April,*

*To infant plants a regal treat;*
*'Twill make my lettuce hard to beat—*
*Great Guns! It's turning into sleet!*
*In April.*

*With eager rush the streamlets gush,*
*In April,*
*We're through with slush—I hear a thrush!*
*In April.*

*My ecstacy's beyond control—*
*What's that? It's snowing? Bless my soul;*
*I'll need another ton of coal,*
*In April.*

—HERBERT GAY SISSON.

## Surprise Shower for Faye Johnston

FAYE JOHNSTON was the guest of honor at a surprise birthday party given by the Fractional Horsepower Motor Engineering Office girls at the home of Dr. and Mrs. S. P. Osborn, on Kensington Blvd., Thursday evening, March 1st. The short hours were whiled away playing bridge, prizes going to Magdalen Welch, Hildegarde Hormel and Dorothea Falls. Later in the evening a delicious lunch was served in the dining room where a color scheme of green, in keeping with St. Patrick's Day, was used in the decorations. Green candles lighted the table and the nut cups were in the form of shamrocks. Miss Johnston was presented a beautiful silk umbrella and a pair of silk hose by the guests.

Those present: Dorothea Falls, Mabel Kroemer, Mabel Wyss, Clara Ankenbruck, Hildegarde Hormel, Connie Daily, Loretta Krauhs, Magdalen Welch, Ethel Van Meter, Helen Wilson and Mrs. Wilma Schramm.

## Farewell Dinner for Meter Dept. Employee

ON February 24th, a group of girls in the Meter Dept., Bldg. 19-4, cleverly surprised Mrs. Virginia Prough Chapman. Previous arrangements had been made with the proprietor of the I and L restaurant, where Virginia usually ate her lunch, to have a table reserved for the occasion. A bowl

(*Continued on page 16*)

# JUNIORS' PAGE

Dear G-E Juniors:

Next Sunday the Easter bunny will come before you are awake and perhaps bring you a lot of pretty colored eggs. In the puzzle on the Juniors' page for this month there is hidden an Easter bunny. Look closely and you will find him, then take a piece of tissue paper and trace the outline of the bunny and send it to me.

I think all of you must have liked the circus puzzle in last month's G-E News, for so many nice letters came in and almost all of you found more than ten animals and birds. Everyone found the man in the tree, smoking a pipe. The names of the animals and birds we found are: fox, crocodile, lizard, cat, dog, horse, mule, two lions, owl, parrot, bull, elephant, frog, deer, goose and rooster. Of course you might have had different names for some of these because the birds and animals were not so clearly drawn, but we gave you credit in our contest if you used other reasonable names. In the drawing for prizes the winners were Lawrence Kohrman, Ruth Swank, Mary Jane Zink, Germaine Rondot and Bonnie McSorley from Fort Wayne, and Doris Durbin and Lawrence Hilton from Decatur.

Again I was very much delighted to get letters from some new G-E Juniors. From Fort Wayne the new Juniors are: Charles Kramer, Annabell Bahr, Ruth Rose, Eugene Wyss, Gertrude Wyss, Dorothy Wyss, Jennette Rockert, Lawrence Kohrman, Gladys McSorley and Risher Hall, and there are three new Juniors from Decatur, Robert L. Nyffler, Doris Durbin and Elizabeth Fuhrman. I also received letters from Ralph Crall, Dortha Crall, Albert Devaux, Mildred Shores, Thomas Houser, Viola Houser, Berniece Moore, Cecelia Merkler, Helen Liddy, Eileen McNulty, Cletus Rondot, Ruth F. Eylenberg, Edna Patterson, Margot Loeschner, Clara Patterson, William A. Cook, Helen Cook, Marie Schwartz, Louise Schwartz, Celeste Schwartz, Raymond Holben, Donald Holben, Robert Williams and Ralph Williams, all from Fort Wayne, and Dorothy Miller, Catherine Jackson, Sephus Jackson and Mildred Hesher, from Decatur.

All of your letters were interesting. Robert and Ralph Williams, who are twins, sent me their pictures; Ruth Swank sent me a picture of herself and her dolly Rosemary Miller; Lawrence Kohrman sent in his picture and a copy of the poem "The Village Blacksmith." The pictures were all very good and I want to thank you for sending them in. Watch for them on the Juniors' Page. Ralph Crall sent in a poem about Columbus; Louise Schwartz sent in a poem called "My Dog," and Sephus Jackson asked me this riddle:

"As I was out walking one day, I
met a man,
He tipped his hat and drew his
cane,
And in this riddle I tell his name."

Now I wonder how many of you Juniors can guess this riddle?

Robert Williams

Ralph Williams

Mildred Hesher asks at what age you cease to be a G-E Junior. Well this is rather a hard question to answer. We hope that as you get older you will be more and more interested in General Electric and the people that are working here. If so, we think you always will be interested in reading the issues of the G-E News. However, after you are thirteen it is probable you will not be so much interested in the stories and puzzles we use on the Juniors' Page. It is for these little folks that the Juniors' Page is written and to them the prizes go.

Answers to the puzzle in the February News came in from the following Juniors too late for us to publish their names in the March issue: Dorothy Jacobs, Ruth Swank, Raymond and Donald Holben, Elberta Beal Wilt, Clara Eleanor Houck, and an answer to the January puzzle from Evelyn Mueller.

Now that spring is here, I suppose you will all be very busy playing out-of-doors, but I hope you won't forget to write me.

Yours sincerely,

Jill

---

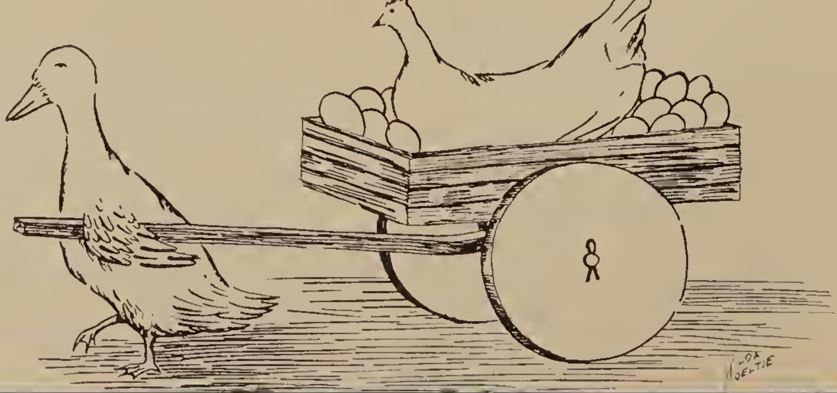
## "My Dog"

*I have a dog named Tiny,*
*Who's as cute as he can be*
*Everywhere I go,*
*Tiny follows me.*

*When I leave for school,*
*He tooks through the window pane,*
*I know he wants to go with me,*
*But he barks and barks in vain.*

*Sometimes I call him Curly,*
*His hair curls up so tight,*
*I wash him every Saturday,*
*To keep him snowy white.*

Sent in by Louise Schwartz



CAN YOU FIND THE EASTER BUNNY?

MINSTREL CIRCLE

*Left to right:* Herman Meyers, Roy Mumma, Mark Braden, Glen Neptune, Ray McDougal, A. Schneider, H. Fuhrman, Tom Brown (Director), Bob Helm, Chick Cole, Harry Sheets, Don Farr, G. Cramer, R. Butler, G. Geary, Bud Magley, Paul Sauers, Pat Hyland, T. Gehrig, Fred Shurger.

# Decatur Minstrel Show Big Success

AN outstanding event in Decatur this season was the appearance of the local talent show, "Minstrel Chuckles," which was presented at the high school auditorium on the nights of March 19th and 20th. This show was of especial interest to the Decatur G-E folks as it was sponsored and managed by their shop band and a number in the cast were their fellow employees. The talent in the city whole-heartedly joined in putting the show across and the townspeople as generously supported it. It is estimated that 1200 people were present to see the show. The Decatur G-E Band furnished the music and the firemen of the plant acted as ushers, etc., nicely taking care of the crowd.

The opening chorus or first act composed of fifteen toreadors and eight "bull-throwers" opened the evening's entertainment, singing popular songs interspersed by crossfire between the end men and the interlocutor.

During the first act several entertaining solos were put on by the end men accompanied by the chorus. Notable among these were: "Henry Made a Lady Out of Lizzie," by Fred Shurger; "Clementine," by Dr. Neptune; "Ice Cream," by that king of comedians, Herman Meyers, a former comedian with the Indiana University Jordan River Revue; "I Told Them All About You," by France Conter; "Among My Souvenirs," by Paul Sauers, and a clog dance by Tillman Gehrig. The finale of this act was "Side by Side," sung by the entire minstrel circle.

The second act was featured by dances and songs by the Saw Mill River, Eskimo and Chinese choruses. The leads in the Saw Mill River chorus were taken by Dessolee Chester and Don Farr; in the Eskimo Chorus they were sung by Mrs. Bryce Thomas and Donn Farr, while in the Chinese Chorus the lead was ably handled by Isabel Cloud. In each instance the chorus appeared in costumes appropriate to the scene.

The third act featured a kidnapping plot with the scene laid at the North Pole. Bud White took the part of Icicle Ike, a regular hard-boiled, two-gun, saloon keeper. Ross Stoakes played the part of Little Nell, Icicle Ike's daughter. Don Farr held the part "I Am Slick," and Herman Meyers acted "Blackface Tuttle," his assistant in the role of kidnapper. Mrs. Bryce Thomas took the part of "Dot" and Felix Maier was "Bullesheviki," the great detective.

The sketch was woven around an attempted kidnapping of Little Nell and collection of $10,000 ransom money from Icicle Ike. Of course, there were several humorous obstructions in the way of the attempted kidnapping and Blackface Tuttle was always getting the wrong idea and the wrong words in the wrong place. With the help of "Bull" the plot thickened. Icicle Ike caught the kidnappers, Slick and Tuttle, but little Nell interfered and wanted to marry the detective. When Icicle Ike discovered the detective was a radio bug the same as himself, they

SAW MILL RIVER CHORUS

*Left to right:* Herman Meyers, Etola Gattshall, Glennys Elzey, Bernice Engle, Mrs. Wm. Simpson, Erna Lankenau, Miss Chester, Don Farr, Kathryn Omior, Mildred Akey, Sadie Fisher, Mabel Staley, Marcella Hower, Mary Macy, Celia Appleman, Helen Gerber, and Felix Maier, *Back row:* Ross Stoakes, Bud White.

became staunch friends. Slick changed his mind about kidnapping Little Nell and wanted to marry Dot. Tuttle ended the scene in a very humorous way, saying, "That leaves me out, and if any running is to be done, you can tune in on me in Hong Kong, China, in five minutes and be just in time to hear me pass the postoffice. Good Nite."

It is useless to try to pick any individual stars, for the show as a whole was a success from beginning to end.

## News Notes

### Weddings

Mary Rusewald, Winding Dept., and Raymond Braun were married at Weiner, Ark., February 14th.

### Sick Employees

Mary Hill, Collector Dept., has been removed from the Adams County Memorial Hospital to her home, and is well on the way to recovery.

Ethel Durbin is seriously ill at the Adams County Memorial Hospital, where she submitted to an operation for a pulmonary abscess.

### New Arrivals

Raymond Crist, Maintenance Dept., announces the arrival of a son, Kermit, born Sunday, March 4th.

## Girls Section

*(Continued from page 13)*

of sweet peas graced the table as a center piece. The girls gathered around the table with Virginia in the place of honor and a delicious chicken dinner was served. When opened, the numerous packages that were piled around Virginia's plate proved to contain lovely gifts from the girls present, who were Margaret Gidley, Lucretia Garringer, Dortha Passon, Mildred Carpenter, Marie Wright and Helen Wilder.

Last September Virginia was secretly married to Clyde Chapman, and she left the employ of the Company on February 24th, to take up home duties.

## Miss Haggerty Entertains TNT Club

At their regular monthly meeting members of the TNT Club were entertained by Viola Haggerty at her home, 2818 Holton Ave., Monday evening, March 12th. The girls had a great deal of fun playing progressive bunco, prizes being won by Dewey Wickliffe, Edith Schreiner, Ireta Erwin and Bertha Heller. At the close of the evening a delicious lunch was served, the appointments being carried out in accordance with St. Patrick's Day. Miss Haggerty was assisted during the evening by her sister Mrs. C. C. Kilpatrick.

Those present: Bertha Heller, Edith Schreiner, Corrine Schreiner, Bertha Heckler, Florence Beneke, Dewey Wickliffe, Edna Etzler, Ireta Erwin, Gladys McMillan and the hostess.

## Miss Whitehead Entertains Elex Club Committee

Irene Whitehead entertained the members of the executive committee of Elex Club in her apartment at 2306 Fairfield Ave., on March 17th. Tables were arranged and everyone entered with zest into the game of progressive bunco. Lady Luck smiled on Mildred Archbold and Adele Schroeder and they won lovely prizes. Slips of paper containing fortunes concealed in emblems of St. Patrick's Day were hid about the living room and a merry hunt ensued. A St. Patrick's Day luncheon was served to the girls grouped around the small tables.

The girls present at this party were: Lenora Schoppman, Alma Olson, Mildred Archbold, Hazel Newport, Susie Wagner, Mildred Carpenter, Tressie Singrey, Marie Blough, Nadine Denny and Mabel Liggett, who comprise the executive committee. Also Mrs. Walter Kent, Elex Club adviser, and Adele and Luella Schroeder were guests.

## Weddings

### Kryder-Bueker

Minerva Bueker, Meter Dept., Bldg. 19-4, and Clarence Kryder, were secretly married on November 24, 1927, by Rev. F. O. Taafel, of the Christ Lutheran Church.

Mrs. Kryder gave up her position with the Company on March 1st, and the young people are now living on a farm located on the Aboite Center Road.

ESKIMO AND DETECTIVE CHORUS

*Left to right:* Magaret Mills, Lucille Gay, Mary Kathryn Tyndall, Mary Engle, Charlotte Butler, Dora Shosenberg, Ruth Elzey, Ruth Thomas, Isabel Cloud, Eileen Burk, Kathryn Aurand, Kathryn Hower, Luetta Reffey Evelyn Kohls, Agnes Johnson, Violet Burdg, Cleora Baker, Iris Acker. Girls in overalls are Mildred Akey and Mrs. Wm. Simpson.

"Has your husband given up golf?"

"Yes, but he still uses the language when changing tires."

### On The Railroad

Tim Callahan was working for a railroad. The superintendent told him to go along the line looking for washouts.

"And don't be so long-winded in your next report as you have been in the past," said the superintendent. "Just report the condition of the roadbed as you find it, and don't use up a lot of needless words that are not to the point. Write a business letter, not a love letter."

Tim proceeded on his tour of inspection, and when he reached the river, he wrote this report to the superintendent:

Sir: "Where the railroad was, the river is."

# Athletics

## G-E Club Basketball Season Drawing to a Close

As the curtain slowly descends on the 1927-28 basketball stage we are impressed with the performance of our team of this season on the hardwood court. We feel that G-E teams are getting better each year and that this team is the best we have had. As the players hang up their uniforms for the last time they can feel that they have done well and have earned the confidence of a large number of their fellow employees. The games have been well attended and we hope a foundation has been laid for future years. We can well be proud of the record of this team as well as the fine sportsmanship displayed during the season against all kinds of teams. To praise any individual player would be doing the others an injustice. "Gunner" Myers, of course, due to his high scoring, holds the spotlight. "Hank" Kowalcyzk, while not high in the scoring column, has worked hard on the floor and in practice sessions to teach the boys the basketball he learned at Wisconsin. To the regular attenders it is not necessary to speak of the fine sportsmanship of the old standby Bruce Hamilton. CaptainHarry Spahr, "Ife" Holmes, "Red" Wisner, Nobles, Hueber, Steele and Virgil, all played their parts well.

Since last month's review most of the time was used by the state tournament which is handled separately. Four other games were played, three of which were won by the G-E Club. The results of the tournament evidently affected the team in their next game as they dropped it to the Wapakoneta American Legion team on the Legion's floor, 33 to 25. They came back strong, however, and defeated the Delco Remy five of Anderson here, by the score of 43 to 23, and the most notable of all victories for the club was the 36 to 17 defeat handed to the famous Olson's Terrible Swedes. The highly touted Ex-Bear Cats of Muncie succeeded in scratching and clawing up the G-E five considerably, but were unable to get the ball through the hoop and the Club romped away with a 25 to 15 victory. And so the games stand as we go to press:

| | |
|---|---|
| G-E Club 33 * | Catholic Community Center..15 |
| G-E Club 29 * | Dudlo........................16 |
| G-E Club 21 * | Walther League............ 9 |
| G-E Club 36 * | G-E Mazdas...............18 |
| G-E Club 26 * | Wolf Lake..................22 |
| G-E Club 22 * | South Bend.................24 |
| G-E Club 25 at | Wapakoneta Amer. Legion...33 |
| G-E Club 43 | Delco Remy.................23 |
| G-E Club 36 | Olsons Swedes..............17 |
| G-E Club 25 | Muncie Ex-Bear Cats.......15 |

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* State tournament games.

Myers continues to lead thc scorers with 144 field goals and 90 free throws for a total of 378 points. Bruce Hamilton follows with 82 goals from the field and 15 free throws for a total of 179 points.

The individual scoring of the players follows:

| | G. | F.G. | F.T. | P.C. | Total |
|---|---|---|---|---|---|
| Meyers........ | 35 | 144 | 90 | 59 | 378 |
| B. Hamilton.... | 32 | 82 | 15 | 22 | 179 |
| Holmes........ | 33 | 45 | 35 | 46 | 125 |
| Nobles......... | 33 | 53 | 14 | 40 | 120 |
| Kowalcyzk..... | 32 | 45 | 28 | 50 | 118 |
| Wisner......... | 31 | 40 | 23 | 37 | 103 |
| Spahr.......... | 33 | 35 | 18 | 33 | 88 |
| Hueber........ | 33 | 27 | 14 | 33 | 68 |
| Steele.......... | 22 | 21 | 7 | 18 | 49 |
| Virgil.......... | 3 | 3 | 1 | 3 | 7 |

## Winter Street Leading Inter-Department Basketball League

The Winter Street five is leading the second half of the inter-department basketball league, not losing a game in the first five played. Small Motor and Transformer, each having dropped a game, are tied for second place. The standing of the teams follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Winter Street............ | 5 | 0 | 1.000 |
| Small Motor............. | 4 | 1 | .800 |
| Transformer............. | 4 | 1 | .800 |
| Apprentice............... | 3 | 2 | .600 |
| G-E Squares............. | 2 | 3 | .400 |
| Apparatus................ | 1 | 4 | .200 |
| Meter..................... | 1 | 4 | .200 |
| General Service.......... | 0 | 5 | .000 |

## G-E Girls' Basketball

The General Electric girls' basketball team has completed a most successful season. Winning 16 out of 19 games played, they also won the championship of the Y.W.C.A. League, defeating Wayne Knits 28–13 and the Blue Triangle Red Hots 48–31 in the finals for the title. Although most of the games were played according to modified girls' rules, the team was becoming fairly proficient at boys' rules when the season ended.

The outstanding game of the season was the one with the Western Electric team from Chicago, on March 3rd. Getting away to a rather slow start, the Fort Wayne girls were unable to accomplish anything during the first half, and the Chicago team forged ahead to a 12–4 lead at the half. However, during the final quarter the team found itself and began to show some snappy teamwork. They were rapidly closing up the gap in the score when the final whistle sounded, leaving them just six points behind, 18–12. The game was an interesting one to the fans and entirely to the credit of the G-E girls, who were playing a much more experienced team. Both games of the evening went to out-of-town teams, as Van Wert defeated Lincoln Life in the preliminary.

The players summary for the season is as follows:

| | G. | F.G. | F.T. | T.P. | P.F. |
|---|---|---|---|---|---|
| Walda, f........... | 16 | 99 | 28 | 226 | 10 |
| Vail, c............. | 13 | 62 | 4 | 128 | 10 |
| Hormel, f........... | 18 | 51 | 12 | 114 | 6 |
| Reidenbach, f. and g. | 19 | 47 | 8 | 102 | 26 |
| Maass, f............ | 13 | 18 | 2 | 38 | 2 |
| Pearch, c........... | 16 | 11 | 4 | 26 | 17 |
| Hogg, c............. | 11 | .. | .. | ... | 4 |
| Stahl, g............. | 17 | .. | .. | ... | 7 |
| Singrey, g.......... | 18 | .. | .. | ... | 23 |
| Archbold, g......... | 7 | .. | .. | ... | 5 |
| Fletcher, g.......... | 9 | .. | .. | ... | 8 |

## Junior Y.M.C.A. Basketball League

This was the first season of Junior basketball in the Y.M.C.A. city leagues, with teams composed of players in the 17–19 year group, employed by and representing the various commercial places and industries.

All games were played in the Central High School gymnasium, and were closely contested. The News-Sentinel team won the league title, winning both the first and second rounds of play. The G-E "Orange" team finished the season in second place, and the G-E "Blue" team finished fourth.

PLAYERS' SUMMARY

| | Games | F.G. | F.T. | Tota |
|---|---|---|---|---|
| Koch........... | 12 | 42 | 23 | 107 |
| McAfee......... | 10 | 42 | 13 | 97 |
| Bell............. | 12 | 25 | 17 | 67 |
| Braden.......... | 12 | 28 | 10 | 66 |
| Stalter.......... | 8 | 25 | 8 | 58 |
| Phipps.......... | 7 | 18 | 2 | 38 |
| Meyer.......... | 5 | 12 | 4 | 28 |
| Crowell......... | 10 | 7 | 10 | 24 |
| Fultz........... | 5 | 9 | 1 | 19 |
| Smith........... | 11 | 5 | 5 | 15 |
| Scheer.......... | 7 | 5 | 0 | 10 |
| Hitzeman....... | 10 | 2 | 4 | 8 |
| Keller........... | 4 | 3 | 0 | 6 |
| Singleton....... | 10 | 1 | 3 | 5 |
| Taylor.......... | 2 | 3 | 0 | 6 |
| Gotch........... | 5 | 2 | 1 | 5 |

Since the close of the Y.M.C.A. league, players from both teams were selected for the G-E Juniors team, and have been playing independent and club teams of the city. Scores of games played to date are:

| | |
|---|---|
| G-E Juniors.......42 | Center Juniors.....28 |
| G-E Juniors.......32 | Mohawks..........26 |
| G-E Juniors.......39 | Emmaus Reserves..34 |
| G-E Juniors.......23 | Zion Walthers......31 |
| G-E Juniors.......34 | News-Sentinel......35 |

## Volley Ball League Completes Third Round of Play

The Inter-Department Volley ball league wound up with the third and final round of its schedule with the Winter St. No. 1 team in first place. The Main Office team won the first round and the Winter St. No. 1 and Main Office were tied for first place in the second round. The standing of the teams in the third round follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Winter St., No. 1........ | 36 | 6 | 857 |
| Main Office.............. | 34 | 8 | 809 |
| Winter St., No. 2........ | 27 | 15 | 642 |
| Small Motor............. | 25 | 17 | 595 |
| G-E Squares............. | 16 | 26 | 357 |
| Apprentice.............. | 9 | 33 | 214 |
| Meter No. 1............. | 9 | 33 | 214 |
| Meter No. 2............. | 9 | 33 | 214 |

The Main Office team won two out of three games from Winter Street in the playoff and are the champions of the first three rounds. The fourth round has started and the winners of this round will play the Main Office for the league championship. The Main Office and Winter Street games were close and well played, the scores of each game being 15–13.

## Y.M.C.A. Volley Ball League

The Y.M.C.A. Volley ball league is swinging into the final round and Jimmie Johnson, manager of the team, is sending out an SOS call for some seasoned players. Johnson has had trouble this season getting out players good enough to stop the other teams in the league. Jimmie has worked hard and is doing his best to bring the championship to the G-E, but is becoming discouraged. Unless some players can be recruited that can stop that Dudlo crew, his case is hopeless. If you have played volley ball, get in touch with Johnson in Bldg. 3-3 and help him put across a winner.

### Wayne Knit Wins Water Polo Championship

Wayne Knit's veteran water polo team defeated the G-E splashers in a game for the league championship on the Y.M.C.A. pool by a score of 9–6. The Knitters won the first half and the G-E five won the second round. The championship game was exceptionally fast and well played. Only three fouls were called during the entire contest. The Wayne Knits have won the title for five consecutive years and retain permanent possession of the trophy, and their club will donate a new trophy to be known as the Wayne Knit trophy to be played for in the future.

### Girls' Gym Class Proving Popular

The girls gym class, under the direction of Carlton Kirbach, of Bldg. 19–2, has been progressing very well. The class began with about 15 girls and each time more girls have joined, with the result that the last class numbered about 26 young women. Mr. Kirbach gives drills in exercises of various types which will develop practically every part of the body. Games are played and contests are held. The work has proven very interesting thus far. We might add that any girl who is interested may join the classes at any time. There are no charges. It is necessary, however, for each girl to furnish her own shoes, middy and bloomers or trunks.

## Bowling

### Arrangements Being Made For First G-E Tournament

The first annual all G-E tournament will start on the G-E drives April 7th. From the numerous requests for such a tournament the first attempt should be most successful. A committee, composed of the secretaries of the various leagues, will draw up the rules of play and arrange the personnel of the teams. The tournament is a get-acquainted, good-fellowship affair. Teams will be entered or formed so that individual averages will total from 760 to 765 in the five men events, and 325 in the two men events. The singles will be divided into three classes—Class A, 170 up; Class B, 150 to 169, and Class C, 149 down. This should make the tournament interesting and will be balanced so as to assure a large entry list.

### Annual Industrial Tournament Held On G-E Alleys

G-E bowlers played well in the annual city industrial tournament held this year on the G-E Club alleys. The Meter Dept. No. 1 copped the five men classic and Lawrence and Hueber finished third in the doubles. Ed. Harkenrider finished first in Class A singles and Bushing finished third in Class B singles. Auer had high single game count with 278. Hueber was high in Class B singles with a total of 600 for three games. The tournament this year was the largest ever held, 48 five men, 83 doubles teams and 141 singles being rolled. This is the fourth consecutive year that the tournament has been won by a G-E team. The G-E Magnets won in 1925 with a total of 2771, the Small Motor in 1926 with 2796, Thompson's Dept. in 1927 with 2763, and the G-E Meters No. 1 in 1928 with 2732.

### Auer Wins Four Game Single Tournament

Charlie Auer, well known G-E bowler, won a four game singles tournament held among the city's best bowlers on the G-E Club's drives. "Bill" Doehrman, another G-E veteran of the maple drives, finished second and Frank Quinn, another G-E product, finished third. The standing of the leaders with their scores follow:

| | 1 | 2 | 3 | 4 | Total |
|---|---|---|---|---|---|
| C. Auer | 212 | 221 | 204 | 193 | 830 |
| W. Doehrman | 251 | 195 | 193 | 181 | 820 |
| F. Quinn | 229 | 200 | 184 | 203 | 816 |
| J. Nehrer | 188 | 228 | 181 | 210 | 807 |
| E. Kramer | 209 | 189 | 219 | 186 | 803 |
| E. Ehle | 183 | 205 | 190 | 223 | 801 |
| R. Orff | 219 | 156 | 236 | 177 | 788 |
| G. Huber | 167 | 170 | 177 | 209 | 723 |
| W. Franke | 190 | 152 | 212 | 206 | 760 |
| F. Zurcher | 195 | 301 | 154 | 193 | 743 |

### Meter Dept. League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Jewels | 8 | 1 | 889 | 841 |
| Gears | 5 | 4 | 556 | 811 |
| Leads | 5 | 4 | 556 | 800 |
| Discs | 5 | 4 | 556 | 789 |
| Registers | 5 | 4 | 556 | 781 |
| Covers | 5 | 4 | 556 | 773 |
| Pivots | 4 | 5 | 444 | 814 |
| Magnets | 4 | 5 | 444 | 793 |
| Bases | 4 | 5 | 444 | 793 |
| Elements | 4 | 5 | 444 | 758 |
| Terminals | 3 | 6 | 333 | 797 |
| Seals | 2 | 7 | 222 | 768 |

INDIVIDUAL AVERAGES

| | G. | Ave | | G. | Ave. |
|---|---|---|---|---|---|
| Rupple | 66 | 181 | Voorhees | 71 | 175 |
| C. Rump | 72 | 179 | Bushing | 72 | 177 |
| Lawrence | 57 | 179 | Timme | 75 | 172 |
| Rietdorf | 72 | 178 | Jacobs | 69 | 171 |
| Weick | 69 | 177 | Hueber | 64 | 171 |

HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Allen | 236 | Bell | 636 |
| Bell | 234 | V. Rump | 607 |
| Weick | 233 | Voorhees | 602 |

HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Pivots | 927 | Jewels | 2549 |
| Gears | 904 | Pivots | 2535 |
| Leads | 880 | Discs | 2491 |

G-E GIRLS' BASKETBALL TEAM

*Standing:* Archbold, g; Reidenbach, f and g; Maass, f; Walda, f; Fletcher, g; Hormel, f; Kammeyer, coach and manager. *Sitting:* Singrey, g; Stahl, g; Pearch, c; Hogg, c; Vail, c.

G-E JUNIORS ORANGE AND BLUE BASKETBALL TEAMS

*Standing:* Singleton, Mgr.; Gotch, g; Smith, g; Braden, c; McAfee, f; Perkins, coach. *Sitting:* Meyer, f; Keller, f; Koch, c; Crowell, g; Bell, f; Stalter, f; Scheer, g.

## Transformer League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Bells | 23 | 7 | 767 | 759 |
| Toys | 21 | 9 | 700 | 767 |
| Autos | 17 | 13 | 567 | 746 |
| Oilburners | 16 | 14 | 533 | 751 |
| X-Rays | 16 | 14 | 533 | 711 |
| Currents | 15 | 15 | 500 | 747 |
| Potentials | 13 | 17 | 433 | 742 |
| Nitelites | 12 | 18 | 400 | 722 |
| Filaments | 9 | 21 | 300 | 722 |
| Radios | 8 | 22 | 267 | 714 |

### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Cox | 84 | 178 | Brown | 57 | 164 |
| Cook | 81 | 172 | Garihan | 78 | 163 |
| Rietdorf | 63 | 170 | Einsiedel | 75 | 163 |
| Orff | 81 | 167 | Long | 84 | 162 |
| Tagtmeyer | 84 | 166 | Fredendall | 60 | 160 |

### HIGH INDIVIDUAL SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Garihan | 244 | Cook | 596 |
| Cook | 231 | Cox | 577 |
| Cox | 224 | Garihan | 575 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Autos | 868 | Potentials | 2428 |
| Toys | 865 | Toys | 2418 |
| Potentials | 864 | Bells | 2373 |

## Tool and Equipment League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Special Machines | 24 | 12 | 667 | 777 |
| Machines | 21 | 15 | 583 | 779 |
| Jigs and Fixtures | 19 | 17 | 528 | 778 |
| Grinders | 19 | 17 | 528 | 760 |
| Special Tools | 18 | 18 | 500 | 769 |
| Punches | 15 | 21 | 417 | 768 |
| Tool Supervisors | 15 | 21 | 417 | 758 |
| Dies | 13 | 23 | 361 | 750 |

### INDIVIDUAL AVERAGES

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Rehm | 51 | 180 | Suelzer | 48 | 165 |
| J. Franke | 69 | 176 | Brenner | 78 | 164 |
| Gerdom | 66 | 174 | Seibel | 69 | 164 |
| W. Franke | 77 | 168 | Thiele | 72 | 163 |
| Knepple | 75 | 168 | Mersman | 77 | 162 |

### HIGH INDIVIDUAL SCORE

| One Game | | Three Games | |
|---|---|---|---|
| J. Franke | 247 | Gerdom | 629 |
| Gerdom | 244 | J. Franke | 601 |
| Rehm | 234 | Rehm | 587 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Special Machines | 906 | Special Machines | 2563 |
| Punches | 898 | Machines | 2498 |
| Machines | 885 | Jigs and Fixtures | 2476 |

## Office League

| Team | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Accounting | 27 | 6 | 818 | 786 |
| Small Motor | 26 | 7 | 788 | 782 |
| AC Drafting | 21 | 12 | 636 | 769 |
| Apparatus Cost | 18 | 15 | 545 | 788 |
| Distribution | 18 | 15 | 545 | 769 |
| D-C. Engineers | 17 | 16 | 515 | 763 |
| Rate Dept. | 17 | 16 | 515 | 758 |
| Plant Construction | 14 | 19 | 424 | 755 |
| Warehouse | 13 | 20 | 394 | 748 |
| Industrial Service | 12 | 21 | 367 | 766 |
| Material List | 10 | 23 | 303 | 738 |
| D-C. Drafting | 6 | 27 | 182 | 729 |

### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Einseidel | 53 | 183 | Dannecker | 33 | 172 |
| Reese | 31 | 182 | Grueb | 27 | 169 |
| Blomenberg | 30 | 177 | Rapp | 27 | 167 |
| Enders | 33 | 175 | Fulton | 33 | 161 |
| Lindemuth | 27 | 173 | Roeger | 30 | 161 |

### HIGH INDIVIDUAL SCORE

| One Game | | Three Games | |
|---|---|---|---|
| H. Greub | 272 | Reese | 656 |
| E. Reese | 257 | Einseidel | 599 |
| Wallace | 242 | Blomenberg | 599 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Warehouse | 975 | A-C. Drafting | 2504 |
| A-C. Drafting | 956 | Apparatus Cost | 2493 |
| Accounting | 954 | Accounting | 2491 |

### ACCOUNTING (Winners 2nd Half)

| | | | | |
|---|---|---|---|---|
| Haugh | 192 | 227 | 195 | 614 |
| Dannecker | 191 | 160 | 243 | 594 |
| Blomenberg | 176 | 138 | 148 | 462 |
| Ed. Waldschmidt | 125 | 179 | 139 | 443 |
| G. W. Waldschmidt | 152 | 177 | 150 | 479 |
| | 836 | 881 | 875 | 2592 |

### INDUSTRIAL SERVICE (Winners 1st Half)

| | | | | |
|---|---|---|---|---|
| Garton | 142 | 126 | 151 | 419 |
| Witte | 142 | 111 | 147 | 400 |
| Melching | 133 | 115 | 134 | 382 |
| Hockett | 131 | 145 | 154 | 430 |
| Gawehn | 161 | 188 | 128 | 477 |
| Handicap | 60 | 60 | 60 | 180 |
| | 769 | 745 | 774 | 228 |

## Foremen's Association League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Tool Supply | 10 | 2 | 833 | 764 |
| General Service | 7 | 5 | 583 | 766 |
| Tool Making | 7 | 5 | 583 | 735 |
| Wire and Insulation | 7 | 5 | 583 | 704 |
| Apparatus | 6 | 6 | 500 | 743 |
| Machine | 6 | 6 | 500 | 722 |
| Pattern Shop | 6 | 6 | 500 | 719 |
| Meter | 6 | 6 | 500 | 717 |
| Transformer | 5 | 7 | 417 | 753 |
| Ice Machine No. 1 | 4 | 8 | 333 | 728 |
| Small Motor | 4 | 8 | 333 | 718 |
| Ice Machine No. 2 | 4 | 8 | 333 | 717 |

### INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| Buuck | 176 | Schild | 163 |
| Harkenrider | 174 | Foellinger | 165 |
| Korte | 172 | Garihan | 163 |
| Johnson | 171 | Andress | 161 |
| Grimme | 170 | Skevington | 161 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Apparatus | 867 | General Service | 2442 |
| General Service | 856 | Tool Supply | 2406 |
| Pattern Shop | 855 | Apparatus | 2401 |

## Inter-Department League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Apparatus | 8 | 4 | 666 | 920 |
| Meter | 8 | 4 | 666 | 890 |
| Small Motor | 7 | 5 | 583 | 874 |
| Ice Machine | 5 | 7 | 416 | 865 |
| General Service | 4 | 8 | 333 | 872 |
| Office | 4 | 8 | 333 | 845 |

### INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| Doehrman | 209 | Seymour | 185 |
| Auer | 192 | Zurcher | 183 |
| Schlup | 191 | Einseidel | 183 |
| Quinn | 190 | Huber | 182 |
| E. Harkenrider | 189 | Bryan | 181 |

### HIGH INDIVIDUAL SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Doehrman | 266 | Doehrman | 688 |
| Rose | 251 | Quinn | 667 |
| Auer | 246 | E. Harkenrider | 638 |

## Small Motor League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| SD | 28 | 8 | 777 | 838 |
| RSA | 20 | 16 | 555 | 782 |
| SA | 19 | 17 | 528 | 792 |
| RKQ | 19 | 17 | 528 | 800 |
| SDA | 17 | 19 | 472 | 780 |
| RKT | 15 | 21 | 417 | 785 |
| RSS | 15 | 21 | 417 | 779 |
| RSC | 11 | 25 | 305 | 762 |

### INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| F. Quinn | 187 | Kessler | 174 |
| Schoenherr | 181 | Seymour | 172 |
| Brooks | 177 | Rose | 172 |
| Franke | 176 | Nicoli | 172 |
| Korte | 175 | Heinley | 170 |

### HIGH INDIVIDUAL SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Franke | 265 | Franke | 662 |
| Brooks | 265 | Quinn | 661 |
| Quinn | 246 | McKee | 653 |
| Seymour | 246 | Kessler | 623 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| SD | 950 | SD | 2719 |
| RKT | 949 | RKQ | 2562 |
| RSS | 931 | RSS | 2537 |

Safety

is a great game.

*Play It!*

## Wire and Insulation League

| Team | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Bakelite | 23 | 4 | 852 | 741 |
| Wire Insulating | 17 | 10 | 630 | 705 |
| Paper | 17 | 10 | 630 | 695 |
| Office | 10 | 17 | 370 | 683 |
| Wire Rolling | 8 | 19 | 296 | 674 |
| Mica | 6 | 21 | 222 | 676 |

### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Buckles | 65 | 163 | Schultz | 72 | 153 |
| Hoffman | 66 | 160 | Glenn | 69 | 148 |
| Kampen | 69 | 160 | Hire | 54 | 146 |
| Hamilton | 66 | 156 | Selby | 63 | 145 |
| L. Gardt | 72 | 155 | Price | 66 | 142 |

### HIGH INDIVIDUAL SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Kampen | 253 | Kampen | 623 |
| Schlutz | 237 | Hire | 613 |
| Hire | 234 | Buckles | 608 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Bakelite | 887 | Bakelite | 2409 |
| | | Wire Insulating | 2303 |
| | | Office | 2221 |

## Fire Department League (2nd Half)

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Valves | 8 | 1 | 889 | 828 |
| Ladders | 6 | 3 | 667 | 814 |
| Hydrants | 5 | 4 | 556 | 812 |
| Hose | 3 | 6 | 333 | 809 |
| Foamites | 3 | 6 | 333 | 773 |
| Pyrenes | 2 | 7 | 222 | 776 |

### INDIVIDUAL AVERAGES

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Brayan | 15 | 188 | Rump | 45 | 167 |
| D. Hamilton | 33 | 185 | Boyce | 30 | 166 |
| Voorhees | 45 | 180 | Siebold | 45 | 163 |
| Grimme | 39 | 173 | Bennegin | 42 | 163 |
| E. Miller | 48 | 168 | Hoffman | 40 | 163 |

### HIGH INDIVIDUAL SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Voorhees | 234 | Brayan | 605 |
| Brayan | 224 | Voorhees | 599 |
| Henry | 219 | E Miller | 573 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Hydrants | 904 | Valves | 2557 |
| Hose | 885 | Hose | 2485 |
| Valves | 885 | Hydrants | 2478 |

## Girls' League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Transformer | 43 | 8 | 843 | 614 |
| Meter | 35 | 16 | 686 | 604 |
| Office | 22 | 29 | 431 | 554 |
| Industrial Service | 19 | 32 | 373 | 548 |
| Tool Dept. | 19 | 29 | 396 | 555 |
| Apparatus | 17 | 31 | 354 | 545 |

### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| L. Kayser | 12 | 159 | W. Blomenberg | 54 | 139 |
| V. Linnemeier | 51 | 145 | A. Nahrwold | 54 | 133 |
| I. Fox | 57 | 143 | H. Litot | 60 | 135 |
| A. Wietfeldt | 60 | 143 | H. Snyder | 60 | 131 |
| H. Bleke | 60 | 140 | H. Stahl | 54 | 123 |

### HIGH INDIVIDUAL SCORE

| One Game | | Three Games | |
|---|---|---|---|
| H. Bleke | 232 | A. Weitfeldt | 540 |
| W. Blomenberg | 232 | I. Fox | 523 |
| I. Fox | 222 | H. Blake | 503 |

### HIGH TEAM SCORE

| One Game | | Three Games | |
|---|---|---|---|
| Transformer | 742 | Transformer | 2027 |
| Meter | 718 | Meter | 2019 |
| Tool Dept. | 676 | Tool Dept. | 1874 |

Any woman who sweeps by hand
is doing work that a little motor
will do for less than 2¢ an hour

The G-E monogram, which you will find on practically all types of electric domestic appliances, is your assurance that they are electrically correct. Ask your electrical company or dealer to show you these devices, which lighten labor and increase the comfort of home.

# GENERAL ELECTRIC

210-40B

# The G-E News

May 4, 1928

# On The Front Cover

THE cover picture on this issue shows Pauline Kitchen, Bldg. 4-1, hand-winding the stator of a fractional horsepower motor. When Miss Kitchen came to the General Electric in the latter part of the year 1925, she was at once assigned to this work of winding fractional horsepower motor stators. At that time the wire to be used was wound in skeins which crossed and passed back and forth through the core as the wire was placed in the slots forming the coils. In the present method of winding these stators, the wire is taken directly from the spool, the operator guiding it into the proper slots in the core by means of a special hand tool.

There are many details for an operator to learn before she can go ahead with this work, as she must not only wind the coils in the proper slots and of the correct number of turns but she must wedge them firmly in place, make the proper connections between coils and solder on the proper leads. Miss Kitchen is very clever at this work. She not only turns out a goodly number of wound rotors in the course of a day, but practically all of them pass the inspectors. We are told that her percentage of rejections is almost zero. It is by such skill and conscientious work that the high degree of dependability is built into the products of our Fort Wayne Works.

GENERAL ELECTRIC
NEWS
FORT WAYNE WORKS

Vol. 12 May 4, 1928 No. 5

# First G-E Club Season Highly Successful

NOW that spring, with the longer days and warmer weather, is again with us it may be interesting to note how much the G-E Club has added to our pleasure and well-being during the winter just past. The G-E Club building has been an active place during its first season, but the degree to which its facilities have been used by employees generally is little realized.

First, the bowling alleys. From August 23rd, when they were opened, they have had a very heavy use. At noon hours regularly, practically every alley is taken by those who drop in for a little practice or a social game, and on Saturday and Sunday afternoons also, they have been well patronized. On the evenings of work days the drives have been the scene of almost steady league bowling. In all, 10 leagues having a total of 90 five-man teams bowled each week throughout the season. The few alleys not required for the league bowling were always in demand. In bowling alone, it seems probable that 1000 employees have taken an active part.

The pool and billiard equipment has not been used as intensively as the bowling alleys, but this sport was not without those who particularly enjoyed it. It is estimated that the tables were used to about 40 per cent of capacity, and probably 250 employees took part in this activity.

The gymnasium has contributed much in the way of wholesome recreational activity to many employees during the winter just passed. Through inter-department league basketball six teams totaling 60 players used it. Besides these inter-department games the G-E Club has been represented by five teams, namely, the "Mazdas," which played in the local Y.M.C.A. league; the "G-E Girls," which played in the Y.W.C.A. league; the "Orange" and "Blue," two teams which played in the Junior Y.M.C.A. league; and the "G-E Club," a strong team of experienced basketball players which met some of the best amateur and semi-professional teams in the country. Through the "G-E Club" team's home games hundreds of G-E fans have seen an unusually fast brand of basketball at a price of admission within the reach of all. The G-E Club team played 21 games on the home floor and won 19. The average attendance was approximately 650. During the past season basketball has engaged the attention of young and old alike and there certainly are no apologies to be made for the class of games staged in the G-E Gym.

## The New Sign

*Many employees have noticed the steel construction work going up on Bldg. 4. This is to be a beautiful new electric sign. This new sign is of a design which has been adopted as the standard marking for our General Electric plants. It consists of a big G-E monogram, 20 feet in diameter, surmounting the name General Electric, in letters approximately 6 feet in height. The length of the sign is a little over 100 feet and the top of the monogram is approximately 50 feet above the level of the roof. The sign will be illuminated by 950 25-watt Mazda lamps. The sign is so placed that it can be seen from both the Pennsylvania and Wabash Railroad stations as well as the whole business section of our city. It is probable that it will be finished and ready for service early in May.*

There are also many who enjoy a good fast boxing bout. The club offered two of these events during the past season, and on these cards brought to Fort Wayne some of the best fighters to be found below the actual top or championship class. The average attendance at these bouts was about 700, but this number would have been higher had there not been on the night of the second bout, a local game in the "world series" of professional basketball.

The game of volley ball, too, has developed many friends here. An inter-department league of eight teams has been giving a great deal of athletic recreation to the 50 players engaged. It is probable that the season for this game may be extended until real summer weather begins.

Yet this does not cover all of the activity in the new G-E Club gym. Two open gymnasium classes, one for men and one for women, have been organized and are meeting regularly each week immediately after work. The golfers, too, have been taking regular workouts indoors, practicing their drives against a special net that has been provided for this purpose in the exercise room on the second floor.

All in all, the club building has been a big factor in the lives of local employees during the past season, as it has made possible for the hundreds interested, wholesome recreation which has shortened the long winter evenings and at the same time has furthered acquaintance and developed friendships among many who otherwise might not have met. The club's officers feel that the year has been highly successful.

George R. Fann

Stanley Browne

Fred C. Gossett

Otto B. Fultz

C. F. Engleman

# Five Apprentices Graduate

FIVE young men recently completed courses in our Fort Wayne Works apprentice school. Two of them took the course in drafting, one the course in electrical testing, one the machinist and toolmaker's training and the other a course specializing in engineering process work.

Fred Gossett is the machinist and toolmaker graduate. He came here from the Mathews high school immediately after his graduation. Mr. Gossett has taken an active part in athletic activities since he has been here, playing on teams in basketball, baseball and volley ball. In addition to his apprentice work he has studied public speaking. He finished his apprentice course on April 14th and is now doing some special work in the Apprentice Dept.

Otto Fultz and Chester Engleman are the graduate draftsmen. Mr. Fultz received his apprentice diploma on January 7th, Mr. Engleman on April 7th.

Mr. Fultz graduated from the Akron high school with honors and was awarded a scholarship at De Pauw University but was unable to take advantage of it. He came to our Plant and took up the apprentice course in January, 1925. He was interested in apprentice activities and played on basketball, volley ball and baseball teams. He is now working for Mr. Zelt in the transformer drafting section, Bldg. 19-2.

Mr. Engleman graduated from Fort Wayne Central high school. During his training he took an active interest in apprentice activities. At present he is working in the d-c. apparatus drafting section under Mr. Felmlee, Bldg. 19-3.

George Fann is the graduate electrical tester, having completed his work on April 23rd. Before coming here he graduated from the Shelbyville high school. He has been a conscientious worker and good student while on the apprentice work and is so pleased with the course of instruction that he has persuaded his brother to come here and take up the work. Mr. Fann has been assigned special work under Mr. Erickson, in the Fractional Hp. Motor Inspection.

Stanley Browne is the apprentice graduate who took a special course of training in the line of engineering process work. Before coming here he had attended Virginia Polytechnic for a year and a half and had worked for a time at Remy Electric. On coming here he applied for laboratory work but as there was no opening, decided to enroll for the electrical tester course in the apprentice school. About a year later there being an opening in the Testing Laboratory, Mr. Browne was given the work. However, he continued with his apprentice studies, graduating from the course on March 24th. With all of this schedule Mr. Browne found time to serve as secretary of the Apprentice Association and participated in both basketball and volley ball.

The following students have enrolled recently in the Apprentice School, all of them having selected the machinist and toolmaker's course: Everett Werner, a graduate of the South Side high school with the class of '26; Marcus Vandusen, a graduate of the Huntington high school with the class of '27; Paul Hunt, a graduate of the Camden high school with the class of '25; William Cross, a graduate of the Fort Wayne Central high school with the class of '27; Harold Buscher, a graduate of the South Side high school with the class of '27; Harold Freuchtenicht, a former student of the North Side high school.

*There is Always*
*A Better Way*

## G-E Squares Elect Officers

FOLLOWING their usual custom of changing officers each half-year, the G-E Squares at their regular meeting on April 4th elected new officers. The successful candidates were: T. F. Volkmer, president; Louie McGraw, vice president; W. A. Pringle, secretary-treasurer. New standing committees were promptly appointed. Those selected for such committee work are: *Social committee*, T. N. Ness, chairman, Ray Jones, H. K. Pritchard; *Athletic committee*, Gail Rowley, chairman, Glenn E. Wimmer, T. R. Johnson; *Membership committee*, R. L. Hupp, chairman, H. B. Carter, Joe Child.

In the plans for spring and summer some dances and lake parties such as have proved so very popular in past seasons are planned. No details are yet available.

Preceding the business session R. J. Hoffman, superintendent of inspection and test, gave an interesting talk on "A History of Fort Wayne Testing," which the Squares enjoyed very much.

* * *

Karl Lagerlof is spending a three months' vacation at his home in Sweden.

# "A Better Way" Will Always Pay

Clyde Boyce

S. J. Nyboer

Edward Klomp

PICKING a better time to do a certain operation in the shop has brought Clyde Boyce, Bldg. 17-2, a suggestion award of $100. In Bldg. 17-2 rivets were inserted in certain fractional horsepower motor stators after these stators had passed through the anneal. Mr. Boyce suggested that the rivets be inserted before the flanges were annealed. On trial it was found that the suggested plan resulted in a considerable saving in time. The award made to Mr. Boyce for the suggestion was the largest granted during the period covered by this report.

Edward Klomp, Bldg. 4-5, was awarded $50 on his suggestion regarding the supplying of special chutes for stacking iron in Bldg. 4-5 to cut down expense of turning the iron and stacking on pins.

S. J. Nyboer, Bldg. 20-1, suggested the use of brass pipe in place of lead for heating coils in dip tanks. On this suggestion he originally received $5.00. Just recently his suggestion was reviewed and he was granted an additional award of $45.

George England, Bldg. 26-2, was awarded $20 on a suggestion regarding paper strippers for radio coil winding machines.

Harry Feaser, Bldg. 19-4, suggested a relocation of certain machines in Bldg. 19-4 and was granted $15 award.

Harold C. Gillian, Bldg. 17-3, suggested a change in the wedging of SA armatures to eliminate the pounding operation, and his award for the idea was $15.

Simon Grady, Bldg. 4, received $10 award on his suggestion of using folding curtains at elevator gates.

George Ealing, Bldg. 12-1, suggested a change be made in the slot in the "pill" machine in Bldg. 12-2 and received $10 award.

F. Ely Current, Bldg. 26-2, suggested an improved method of repairing Y-1140 transformers that brought him $10 award.

Freeman White, Bldg. 4-4, received $10 award for a suggestion regarding the supplying of a clamp for a drill jig used in Bldg. 4-4.

Mary J. Byall, Bldg. 26-2, suggested a change in the GM-21 transformer winding arbors and received an award of $10.

Since our last published report sixty-three awards of $5 each were made on suggestions as follows:

Robert A. Wefel, Bldg. 18-2, guard over cable drum of elevator No. 2 in 18-B.

Wm. G. Demsey, Bldg. 6-3, shipping certain meters from stock in Bldg. 6-3.

Fred Baus, Bldg. 19-4, changes to fixtures No. 4967 and No. 4071 used in Bldg. 19-4.

Walter C. Miller, Bldg. 19-4, supplying guard on grinder in Bldg. 19-4.

Arthur McNamara, Bldg. 19-5, using pipe for holding spools on winding machine in Bldg. 19-5.

A. Bushing, Bldg. 17-3, supplying guard at motor No. 4013 in Bldg. 17-3.

John F. Overhold, Bldg. 19-2, supplying guard for milling machine No. 3680 in 19-2.

Geo. Noffze, Bldg. 26-5, supplying an oil guard on grinder No. 5785 in Bldg. 26-5.

Ed. Koch, Bldg. 17-1, relocating crane switch on Bldg. 17-1.

Hershel E. Odier, Winter St., change to wire cutting machine at Winter St.

William H. Owen, Bldg. 12-2, supplying a demagnetizing device in Bldg. 12-2.

Herman F. Heine, Bldg. 19-5, change to tool No. 4684 used in Meter Dept. to eliminate filing.

Gustave A. May, Winter St., change to drill jig used at Winter St.

Helen Snyder, Bldg. 19-5, change to H-2 pointer riveting jig used in Bldg. 19-5.

Kenneth Sifton, Bldg. 26-2, change to method of bringing out tape on certain transformers in Bldg. 26-2.

Ed. Mosshammer, Bldg. 26-2, change to material used for making certain nuts used in Apparatus Dept.

Norman A. Bender, Bldg. 12-2, covering rheostats on grinder in Bldg. 12-2.

Gerald E. Hannan, Winter St., supplying a filing fixture for use with bearing plate at Winter St. Plant.

Richard F. Kammeyer, Bldg. 19-4 supplying guard for machine No. 6784 in Bldg. 19-4.

Irvin L. Rupp, Bldg. 5, supplying a latch for lid of oil separator located in Bldg. 5.

Ralph Ecenbarger, Winter St., balancing chuck on Gisholt Machine at Winter St. Plant.

Carl S. Campbell, Bldg. 19-4, marking certain meter magnet coils with yellow ink and use of counter bore to dismantle P.D. meter coils.

Garald Hannan, Winter St., supplying guards in compound tanks on machines at Winter St.

Paul H. Koogle, Bldg. 17-2, change to DR-2 and 3 motor testing units in Bldg. 17-2.

Thos. McKown, Winter St., covering exposed hole in floor of Foundry at Winter St. Plant.

Elsie E. Eisenman, Bldg. 19-5, use of a mixture of alcohol and water for cleaning glass covers in Bldg. 19-5.

John F. Fulk, Bldg. 20-1, change to safety switch at sealing machine in Bldg. 6-2.

J. P. Sherwin, Bldg. 4-2, use of standard cans with spigots for holding oil in Dept. 920, Bldg. 17-4.

Alva Walker, Bldg. 19-3, improved method of holding armatures against arbor in Machine Dept., Bldg. 19-3.

C. M. Dishong, Bldg. 17-4, changing connections for light on lathe No. 15697 in Bldg. 17-4.

Wayne E. Johnson, Bldg. 26-5, guard on machine No. 2448 in Bldg. 26-5.

Lena Smith, Bldg. 26-2, change to table at testing machine in Bldg. 26-2.

Laura M. Watt, Bldg. 19-5, use of two pans for rejected terminal covers in Bldg. 19-5.

John F. Fulk, Bldg. 20-1, change to control of sealing machine in Bldg. 6-2.

Harry B. Combes, Bldg. 19-4, supplying a gauge for P.D. front plates in Bldg. 19-5.

C. Pfeil, Bldg. 4-4, installing a screen at back of spray booth in Bldg. 4-4.

Clarence Gardt, Bldg. 10-2, change to certain molds used in Bldg. 10 to aid in emptying.

Oliver H. Bowman, Bldg. 17-4, supplying lighting devices for gas jets and furnace in Dept. No. 920.

Chas. C. Niblick, Winter St., salvaging of waste paper from the Winter St. Plant.

Carl G. Fries, Bldg. 26-5, change to method of stocking screws and dowel pins in Tool Dept.

Denzil G. Hasty, Bldg. 22, supplying a device for spraying oil on dies in the Punch Press Dept.

F. E. Fisher, Bldg. 9, supplying a shield at emery wheel in Bldg. 17-1.

L. DeRemer, Bldg. 26-3, change to angle iron bracing at conveyor in Bldg. 26-3.

Wm. McClish, Bldg. 19-1, changing assembly benches in Bldg. 19-1.

Otto B. Fultz, Bldg. 19-2, supplying a special ink bottle holder for use in the Transformer Drafting Dept.

J. O. Staley, Bldg. 26-1, supplying mandrels for rolling spools in Bldg. 27 for certain transformers.

W. D. Reed, Bldg. 27, supplying a stile for use at trailer in Bldg 26-3, Crating Dept.

Alvy J. Place, Bldg. 26-3, closing up openings in floor at Col. No. 54 in Bldg. 26.

Martin Witham, Bldg. 19-4, supplying a guard for machine No. 1493 in Bldg. 19-4.

Wm. F. Fowler, Bldg. 26-1, changing location of gas and air valves at oven in Bldg. 26-1.

Chas. O. Bower, Bldg. 26-B, supplying a portable ladder in Bldg. 26-B, East end.

Chas. O. Bower, Bldg. 26-B, supplying equipment for drilling Type H transformer clamps in Bldg. 26-B.

Floyd Loraine, Bldg. 4-3, supplying wooden tray for holding plug gauges in Bldg. 4-3.

J. W. Grams, Bldg. 20-1, supplying drip pans at conveyor in Bldg. 19-4.

Ed. H. Dunlap, Bldg. 4-3, supplying a special container for draining varnish tank in Bldg. 4-3.

James L. Zinn, Bldg. 6-3, packing GS-9 clocks in corrugated paper cartons.

Wm. G. Demsey, Bldg. 6-3, packing MC-10 relays in corrugated paper cartons.

Lindsay E. Eastes, Bldg. 4-3, supplying a splash guard on machine No. 13294 in Bldg. 4-3.

Winifred Dean, Bldg. 19-5, supplying a trough to hold jewel caps at inspection bench in Bldg. 19-5.

C. D. Crist, Bldg. 19-4, installing arms to hold racks in proper position in spray machine in Bldg. 19-4.

Nora Coburn, Bldg. 26-2, change to length of wrapper used with certain GW transformers in Bldg. 26-2.

Bernard Parent, Bldg. 4-4, supplying tools for removing bur and cleaning slots in bearings in Bldg. 4-4.

Gertrude Kelly, Bldg. 4-4, supplying springs to hold wire on winding arbors used in Bldg. 4-4.

## Absent Employees

Alice Mullican, Small Motor Dept. Office, Bldg. 3-3, is now at her home at Macy, recovering from an operation. She writes that she is feeling fine and looks forward to her return.

Gertrude Wagner, Transformer Production Office, Bldg. 19-2, is ill at her home, 2508 S. Harrison St. Her recovery has been somehat slow but we are all hoping that "it won't be long now."

Elsie Frede, Meter Dept., Bldg. 19-4, has been ill and confined to her home for the past month. She has the sincere sympathy of all her associates here.

Mrs. Eliza Prine, Meter Dept., Bldg. 19-4, is now at her home, 2023 Eleyetta St., recovering from an operation. She reports that she is planning to return soon.

Charles Fletter, Tool Dept., Bldg. 19-5, has been admitted as a patient at the Irene Byron Sanitorium. Charles has had an unusual amount of bad luck lately, but we all hope that the treatments afforded at the sanitorium will prove highly beneficial to him. An occasional visit from his co-workers, we are sure, will be appreciated.

Percy Miller, Automatic Screw Machine Dept., Bldg. 26-4, has been unable to work for several weeks on account of sickness. All wish him an early recovery.

C. D. Wilt, Transportation Dept., is now at the Lutheran Hospital recovering from an operation. He is now getting along nicely.

Emerson Couch, Meter Dept., Bldg. 19-5, is also at the Lutheran Hospital where he underwent an operation.

Helen Hartman, Material List Dept., Bldg. 18-5, is a patient at St. Joseph Hospital suffering from rheumatism. Her many friends at the G-E are hoping for her improvement.

Dorothy Schaefer, Winter Street Plant, has been absent for several weeks following an operation. She has now been removed to her home, 2348 Lillie St. We hope that her recovery from now on will be rapid.

Frank Hall, Winter Street Plant, is recovering from illness at his home, 1118 E. Creighton Ave. He was confined to the Methodist Hospital for several weeks.

Virgil Kline has been confined to his home, 2651 Indiana Ave., with pneumonia. The last report states that he is getting better and will be back at work before long.

Wm. Ehrsman is still confined to his home, 1014 E. Washington St., following a long absence. The best wishes of the Winter St. employees are with him, and it is hoped that we will see him back at work before so very long.

Herman Schroeder has been confined to his home at 3315 Dinnen Ave. for the past several weeks.

## Smile Awhile

Mrs. Bridey (at 1 a.m.): "Oh, Jack, wake up! I can just feel there's a mouse in the room."

Husband (drowsily): "Well, just feel there's a cat, too, and go to sleep."

—*Boston Transcript.*

* * *

Willie: "Ma, if the baby was to eat tadpoles, would it give him a big bass voice like a frog?"

Mother: "Good gracious, no! They'd kill him."

Willie: "Well, they didn't!"—*Goblin.*

* * *

A colored brother was asking when his deceased neighbor was going to be "interned." "She ain't goin' to be interned," was the answer, "de family done decided to have her incriminated."

—*Public Service.*

* * *

"How long you in jail for, Mose?"

"Two weeks."

"What am de charge?"

"No charge; everything am free."

"Ah mean, what have you did?"

"Done shot mah wife."

"You-all killed your wife an' only in jail for two weeks?"

"Dat's all—den I gets hung."

* * *

2533 different metallic objects, including bent pins, tacks, corset steels, garter fasteners, needles, buttons, beads, washers, coins and pen points, were recently removed by operation from a Canadian woman's stomach. The previous high record for foreign objects swallowed was 1146, a case reported in 1911.

This suggests a new field of endeavor for the class of publicity hounds who satisfy their craving by means of marathon dancing, flagpole sitting and kindred forms of useful employment. All aboard for the All American Hardware Swallowing Contest!

* * *

"I don't understand your letting young Perkins marry your daughter. I thought you were enemies."

"Yes. And now he will have my wife as his mother-in-law."

—*Boston Transcript.*

* * *

Why is it that the tenor,
Of thin and silky tune,
Has gen'rally a waistband
That rivals a balloon?

—*H. P.*

* * *

"Gentlemen," said the judge, addressing the members of a jury in Texas, "you will please take your accustomed place in the court."

And ten of them crowded into the dock.

—*Boston Herald.*

* * *

Patient: "What are my chances, Doctor?"

Doctor: "Oh, pretty good, but don't start reading any long continued stories."

# Koenig Re-elected Bond Director

W. F. Koenig

OUR candidate for re-election as a bond director of the G-E Employees Securities Corporation, William F. Koenig, was present at the annual meeting of the stock and bond holders held at Schenectady, on April 9th, and by virtue of his position as a vice-president of the corporation had an active part in the business transacted. Mr. Koenig was chairman of the inspectors of election, his committee having the work of counting the ballots and determining the successful candidates for both the stock and bond directors. The result of the election was as follows:

*Stock directors:* C. C. Chesney, A. J. Jackson, G. F. Morrison, B. G. Tremaine, H. W. Darling, J. R. Lovejoy, E. W. Rice, Jr., S. F. Whitestone.

*Bond Directors:* James Bundock, Bridgeport Works; B. H. Evans, River Works; R. C. Graham, Schenectady Works; F. H. Jeffries, Pittsfield Works; Edwin Kahlmbacher, Philadelphia Works; L. S. Mugford, Erie Works; W. F. Koenig, Fort Wayne Works.

*Representatives:* C. M. Hall, West Lynn Works; H. Whittle, Bloomfield Works; R. H. Shaumburg, Baltimore Works.

The annual meeting was presided over by President Lovejoy. Quite a number of bond holders were present at the meeting and took an active part in the proceedings. Of course, as the majority of the bond holders lived too far away to attend the meeting in person, their votes in the election were cast by their official proxies.

Immediately after adjournment of the Stock and Bond holders meeting, members of the new Board met and selected officers. All of the officers of last year were re-elected to serve for the ensuing year.

The officers are: J. R. Lovejoy, president; A. H. Jackson, vice-president; G. F. Morrison, vice-president; S. L. Whitestone, vice-president; Wm. F. Koenig, vice-president; H. W. Darling, treasurer; Graham Calder, assistant treasurer; W. W. Trench, secretary; A. D. Marshall, assistant secretary; J. R. Riley, auditor.

Mr. Koenig is now serving his second term as our local representative on the Board and again, it may be noted, he has been honored by his associates with election as a vice-president. His experience of the past year should be of value to him in representing local bond holders in the business meetings of the corporation. Mr. Koenig will be more than willing to explain to Fort Wayne Works employees anything they may wish to know about the G-E Employees Securities Corporation or the bonds that are available for purchase by employees as a financial investment.

# Two Employees Are Retired On Pension

TWO well-known employees of our Broadway Plant, Jacob A. Thomma, Bldg. 19-1, and Stuart Rehrer, Bldg. 19-2, have recently retired from active service under the provision of the Company's pension system now in effect.

### Jacob A. Thomma

Jacob Thomma

Mr. Thomma had been employed here at our Plant since 1903, his first job being as operator of a drill press in the Arc Lamp Dept. under John Bauer. After serving some four years under Mr. Baur, Mr. Thomma was transferred to the Plating and Finishing Dept. under George Platt where for many years he operated a grinder. For the past eight years, however, he has been stacking cores in the Apparatus Dept., his last work being for Foreman C. Johnson in Bldg. 19-1. Mr. Thomma's pension became effective on March 31st. He reports that he will take life easy this summer, probably spending some time fishing in some of our northern Indiana lakes and visiting in Washington, D. C., where a daughter of his is living. His home is at 1104 Franklin St.

*Think Up*

*A*

*Better Way*

### Stuart Rehrer

Stuart Rehrer

Mr. Rehrer, who retired from active service on April 30th, is one of the charter members of the local Quarter Century Club. In fact, he has been in the employ of the General Electric for over 40 years. This means that he took up electrical work when the industry was young. When he first came to our Plant he took work in the Transformer Dept. It was not long before he transferred to the Apparatus Dept. and learned the job of winding slattery alternators. Then came the WAL alternators and finally the revolving field machines as we have them today. Mr. Rehrer learned the art of winding them all. Accordingly, he was called on to do much of the road work of repairing and rewinding such machines. He tells us that this road work eventually took him into almost every state in the Union. Truly, Mr. Rehrer was an expert in his line. The machines that he repaired or rewound, right in the customer's plant, could be relied upon to do their work just as well as if they had been sent in to our factory and the work done here.

Our readers may recall that a picture of Mr. Rehrer winding an alternator was used sometime ago as the cover for an issue of the G-E NEWS. For several years past Mr. Rehrer has been doing alternator winding on the 2nd floor of Bldg. 19. His homes is at 922 Jackson St.

FORT WAYNE
WORKS NEWS

*Published on the first Friday of each month by the General Electric Co. in the interests of the employees of the Broadway, Winter Street and Decatur Plants.*

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J. E. Hall.............Quarter Century Club

Vol. 12 May 4, 1928 No. 5

## Safety Paragraphs

### You Can't Replace an Eye

EYES are sometimes referred to in poetry as the "windows of the soul." What is more to the point with most of us is that these orbs are indispensable in holding down a job to earn the daily beans and bacon.

Some of us know persons who have succeeded in spite of the handicap of blindness. But if you have any imagination it is not hard to picture the mental agony of readjusting your whole life to a world of darkness and trying to learn a new occupation. The cheerful philosophy that some blind persons display has been acquired only after the bitter resentment against fate has died out.

Any normal person will admit that eyesight is his most valuable possession, yet to see the chances some people take you would think eyes could be replaced as easily as ten-cent store glasses. Perhaps they would take better care of their eyes if they had paid a dime for them instead of having been born with them.

Time is said to be worth money, but the average person would rather give an hour than half a dollar. Time seems to be valuable, judging by the way some pedestrians tempt fate at busy street intersections and motorists defy death at grade crossings. But those who are always in a hurry seem to have the most time to waste.

Some drinks play havoc with an empty stomach and some ideas act that way with an empty head, says the *Chicago Journal*. The *Journal* must have been referring to motorists who use public highways to see if their cars will do the advertised speeds.

* * *

Heart disease is now the leading cause of death in the United States. Tuberculosis, which formerly led all causes, is now in fifth place. Like cancer, the problem of heart disease is far from being solved and clinics have been established in many cities to study heart ailments and aid those afflicted.

Heart disease may give little indication of its presence until it is well advanced. A yearly physical examination will permit early treatment if disease does exist; it will also ease the minds of those who have mistaken indigestion for heart trouble.

* * *

Our accident record in March showed a reduction of 70 per cent in the number of lost-time accidents from the number for the same period last year.

At the time of this writing Decatur has gone almost four months without a lost-time accident. That is a record for other divisions to strive for. The Meter Division, Shipping and Receiving Division and Expense Depts. are next in line with one each for the year to date. The race for the trophy is going to be close.

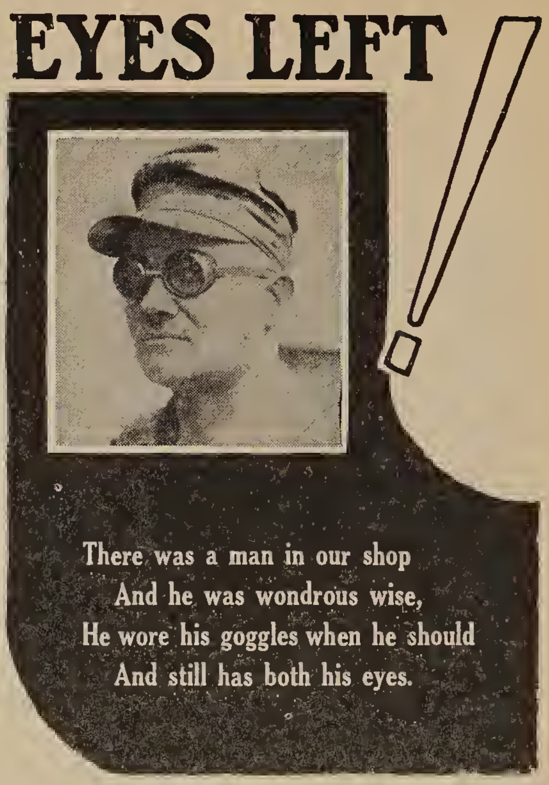
* * *

The standings of the various Divisions to April 1st, based on the number of lost-time accidents, is as follows:

| | |
|---|---|
| Decatur | 0 |
| Meter | 1 |
| Rec. and Shipping | 1 |
| Expense | 1 |
| Tool | 2 |
| Apparatus | 3 |
| Winter St. | 3 |
| Transformer | 5 |
| General Service | 5 |
| Frac. Hp. Motor | 8 |
| Total | 29 |

J. A. McKim, *Safety Engineer.*

## EYES LEFT



There was a man in our shop
And he was wondrous wise,
He wore his goggles when he should
And still has both his eyes.

## Deaths

### F. J. Laemmle

FOLLOWING an operation, Edward J. Laemmle, an employee of the General Service Division, working with the group under J. Ormiston, died April 2nd, at the St. Joseph Hospital. Mr. Laemmle had been at work as usual until Saturday morning, March 31st, when he was unable to report for work. He was employed here first on May 6, 1918, as a concrete worker under H. W. Stahlhut. He was a steady worker and remained in this same division until his death, a period of almost ten years.

Mr. Laemmle was a member of the Mutual Benefit Association and had both the free and additional insurance. Surviving are his widow and four children. One daughter, Marcella, is employed in the Service Bureau at our Broadway Plant.

The funeral was held at St. Joseph's Catholic Church, on April 9th, burial being made in the Catholic cemetery.

Beautiful Lake George—Where French Point Camp Is Located

# Have You Thought of French Point Camp?

THE Adirondacks. Lake George. French Point. How much those names mean to many G-E girls! The Adirondacks is one of the beauty spots of America. Lake George is certainly the most beautiful lake in the Adirondacks. And French Point is one of the loveliest spots on the lake. This is the spot, too, which most interests G-E girls; for here it is that French Point Camp, the camp for G-E girls, is located. If you want to find out what French Point Camp is really like, just "ask the girl who's been there." She'll sing its praises in a most convincing way. If you doubt the enthusiasm of these girls, just read what one girl wrote after her stay there last summer:

"You can go to your crowded shores if you want to—parade in your vacation clothes—elbow your way into the ocean—but not for me! I'm sold on French Point.

"In all my vacations I've never had one that packed the kick my F.P. holiday did."

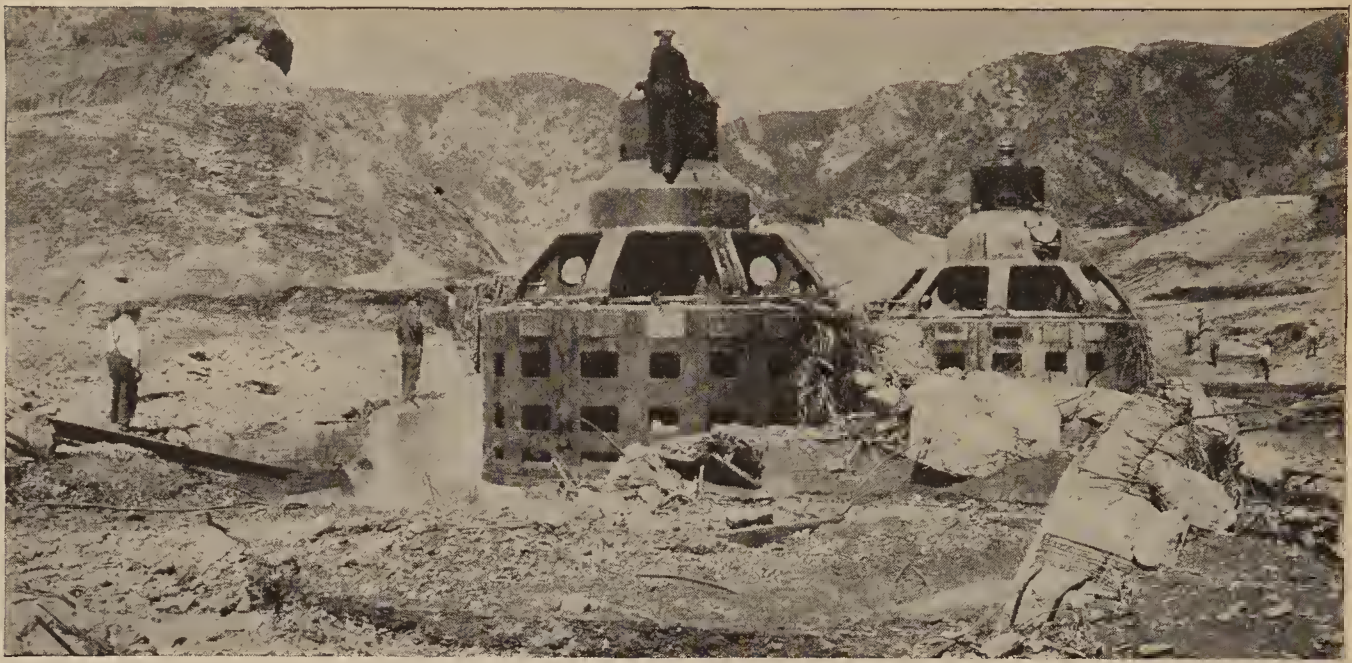
If you like swimming, it is there; if boating is your delight, it is there; if it is mountain climbing, your wish will be granted; if nature study appeals to you, you can secure expert instruction. Or, if you prefer to read and just loll around, you may do that. There are athletic contests in which you may participate; awards are made for proficiency in your favorite pastime. And there's an opportunity to make new and delightful friendships that is unrivalled.

When the day begins to wear on you and your nerves are nearly shattered, just think of the possibility of a week or two at French Point Camp this summer. "Somehow or other you haven't a care in the world at French Point; even the bawling-out the boss gave you the day you left is forgotten. No grudge against humanity at French Point."

And here's another aspect of the matter, written by one who has been there:

"Of course I don't want to seem sentimental but, oh, girls, that moon! He seemed so much larger—so much brighter—up there in 'no man's land'. I'd go to sleep every night building air castles. . . "

Now for the necessary information: It opens on July 7th, continuing until the Saturday after Labor Day; it costs $10 a week, which includes everything but transportation; a girl may stay one week or two—not more, because of the demand; and above all *hurry* and get your application in at the Industrial Service Dept., Schenectady, N. Y., before it is too late!



SENTINELS

Standing firm and unyielding, two G-E generators successfully defied the mighty torrent which swept down San Francisquito Canyon when the dam broke. G-E quality was put into these machines to *stay*!

# *When* the Torrent Swept Down San Francisquito Canyon

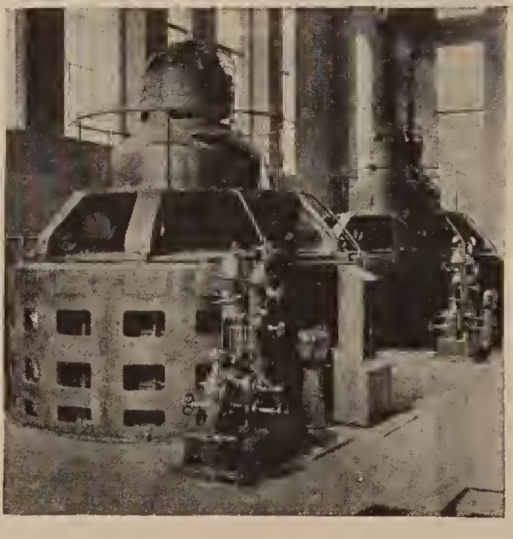
AT midnight on March 12th, without warning, the St. Francis Dam gave way, emptying 12,000,000,000 gallons of impounded water into San Francisquito Canyon. Drowning scores of people, devastating rich agricultural lands, destroying railroads, bridges and highways, and sweeping everything before it, this mighty avalanche of water in its mad rush to the Pacific Ocean left a path of destruction and desolation entailing a loss of millions of dollars.

The details of this terrific tragedy have been published at length in the newspapers. But it is not generally known that two large General Electric generators, located in a power house some distance below the dam and directly in the path of the rushing water, survived with practically no serious injury.

At 10 o'clock on the night of the failure, one of the two generators in the power house had been shut down, but the other one was in actual operation at the time of the disaster. The power house in which the two generators stood was swept entirely away when the flood struck it. But the generators remained firm; and the one which had been running at the time continued to operate through the flood for several hours.

A hurried trip was made to the plant as soon as it was possible, and an inspection of the condition of the electrical equipment made. From a point above the power house site practically nothing could be seen that had withstood the destructive forces. The whole bottom of the canyon was scoured out and the vegetation had been entirely removed from the sides of the canyon for a height of 100 feet or more. There was not the slightest trace of a house to show that the valley had once been inhabited.

The power house, a reinforced concrete structure, was completely gone, with very little debris remaining, but the two generators on their foundations had refused to budge. All the lighter parts, such as rails, piping, stairways, etc., had been carried away. However, the main frames of the machines were not badly damaged and stood up majestically among the ruins. The commutators were bright but showed wear, due to the action of sand and rocks. The mica parts exposed were worn away. The top frame of one exciter was damaged, and the collector ring of one machine was broken. The paint of both frames had been badly worn but the coils inside the generators seemed to be in good shape, especially those of the idle one, which was farther down the stream and was protected somewhat by the other machine.



BEFORE THE DISASTER

View from the same position, taken before the power house had been swept away

Although the generator which was running will require a new winding and considerable repair, it is expected that the one which was shut down can be repaired, dried out, and put back into service in an extremely short time.

Two transformers were found about 1000 feet below the power house, very nearly buried, and a third unit was found another thousand feet below. The location of two transformers has since been determined by the seepage of oil through the ground above where they are buried. The remaining units, as well as all of the oil switches, lightning arresters, switchboard, traveling crane, and other equipment, were nowhere to be found and are probably buried somewhere in the canyon, below the plant. It is not known now exactly how much of this equipment can be salvaged.

# Look at Yourself in the Mirror

## *Maybe You'll Find that Your Posture is not All that it Ought to be*

By H. W. Garton, M. D.

IT is a poor method of teaching that gains converts by striking fear of punishment into the hearts of those who are loath to be converted. I, therefore, hesitate to mention some of the things that may result if the rules for proper posture are disregarded.

However, some of the penalties of poor posture were promised in the article on correct posture which appeared in the February 3rd issue. And even if they had not been promised, a picture of the wrong kind of posture, with some of its dire results, will serve as a striking contrast to the correct way. Have you a "pod" like Tom's or a chronic inability (like Harriet's) to sit down without looking like a bagful of bones? If so, look to your posture.

Correct standing posture was described in my last article as follows: "Stand tall, with head up, chin in, chest high, abdomen flat, weight on balls of feet." Let us analyze this description. For instance, if the head, instead of being held erect, is constantly held in a forward position, like that of a chicken looking for worms, we should expect the muscles and ligaments of the back of the neck to be subjected to abnormal strain. Eventually these structures object to such constant abuse and are quite apt to register their objection by frequent headaches and pains at the base of the skull. These signs should serve as warnings to the owner that all is not well. Many cases of backache have a similar origin; muscles, ligaments, and other structures of the body that are badly used, sooner or later give up.

**Harriet**

Not so many years ago it was the fashionable thing in operations to have a kidney suspended, or a fallen stomach lifted, or some other part of the anatomy similarly dealt with. It is true that the abdominal organs often occupy a position much lower than nature intended them to, and many individuals show symptoms from such a condition; but the development of methods of X-ray examination has shown that a low position of one or many of the abdominal organs is present more frequently than even the designing surgeons suspected. This abnormal position is not uncommonly found associated with incorrect posture, and there would seem in some cases to be a relationship between the two conditions. This is the reason: the diaphragm, which is the dome-shaped breathing muscle separating the chest cavity from the abdominal cavity, also serves to help hold the abdominal organs in position by means of ligaments attached to its under surface. A posture like that of Tom the Golfer, which permits a sunken chest and a protruding abdomen, allows the abdominal organs to sag, partly because the diaphragm that helps support them can't maintain its proper position in the presence of such conditions.

It is quite evident that surgical suspension of *one* organ in the presence of such conditions falls far short of being a complete job. And so, except in certain selected cases, the suspension operation itself has practically been suspended. Organs are now being given the advantage of better position by the adoption of methods of correct posture. In fact, no small number of noted medical authorities now have lucrative practices in revamping and reconstructing hundreds of individuals whose physical and mental states have been wrecked by long years of wrong usage. This is being accomplished by the apparently simple (but by no means easy) method of teaching people how to use their bodies to the best possible mechanical advantage—a lesson which should have been acquired years before. No small number of cases of chronic fatigue, so-called nervous breakdowns, chronic all-in-ness with vague and indefinite disturbances, result from poor posture.

**Tom**

But in concluding, let me emphasize one thing. If you have any of the symptoms which I have mentioned as indicating poor posture, don't assume that poor posture *and poor posture alone* causes them. There are dozens of other conditions which cause the same kinds of aches and pains. The procedure which I advise is, first, to see that your posture henceforth is correct. *Then,* if you have any symptoms left over, cart them off to your doctor for investigation.

# *Seeing the Sights With the G-E Camera Man*

This futuristic 'frigerator is the property of Nazimova, the famous actress. It is a G-E machine especially decorated for her by Lambert Guenther, the artist

Handle with care! John Arnold, Metro-Goldwin-Mayer camera man, showing Joan Crawford the new G-E lamps which are replacing arc lights in movie studios. They're worth about $300 apiece

*International*

This G-E Novalux light helps point the way to the original Fountain of Youth in Saint Augustine, Florida. Results aren't guaranteed, but many visit it each year

*Cosmo News*

President Swope was snapped on the deck of the *Leviathan* when he returned recently from a trip abroad

A night view of St. Joseph's Grotto, Akron, Ohio. The beauty of this lovely spot is now enhanced by G-E floodlighting equipment

Looks like a trolley car, but ain't. New type of G-E driven gas-electric bus, the interior of which is very similar to trolley cars

These Oriental athletes are employees of our affiliated Chinese company. American sports are now the rage among them

# Around the World with General Electric

### Africa

Recently we have heard a lot about old Trader Horn, the white man who half a century ago penetrated into the heart of darkest Africa. Trader Horn's Africa was one of hardship and suffering, of weird sights and strange sounds, of broiling missionaries and savage tribes. But that day has gone—in many parts of Africa, at least. The coming of electricity has torn away the cloak of darkness that gave Africa its name, "the dark continent." Electrically lighted streets, modern machinery of all kinds, electrical devices in homes—all these are now familiar. Recently the city of Capetown, in the Union of South Africa, took another step forward by ordering some new G-E Novalux street lighting units.

### Massachusetts

"It has an iron constitution!" That's what a Massachusetts woman said who has used a G-E electric iron regularly for nearly 16 years. Practically no repair work, she says, has been done on the iron in all these years. "That same iron has ironed all my son's clothes, from his first long dresses (ruffled in those days) to the flannel trousers which he wears today as a youth of six feet," she declared in a letter. Here is quite a record of service—just another proof of G-E quality.

### In Southern Seas

Ocean breezes are not always as cool as their fame would make them. And especially is this true in tropical regions, where the sun is so withering hot that the air must be kept in motion in order to afford relief, unless one chooses to go swimming. The United Fruit Company, which operates a large fleet of steamers sailing to tropical ports, realizes this, and has ordered no less than 324 twelve-inch General Electric fans which will be installed in the state rooms of their boats.

### North Pole

G-E equipment will go to the North Pole this summer. The piece of equipment which is lucky enough to be picked for the trip is a G-E daylight recorder which has been developed in the research laboratory at Schenectady. This recorder is so sensitive that it can record the intensity of starlight or of sunlight, a difference of more than a million lumens. Oh yes, it is General Nobile, the Italian explorer, who is going to take it; and the instrument has already been shipped to Italy.

### Spain

The señors and señoritas of sunny Spain are becoming ardent radio fans. There is in Spain a regular broadcasting network called the Unión Radio, which has stations at Barcelona, Madrid, Bilbao, San Sebastián, Salamanca and Cádiz, (look 'em up on a map) which are regularly interconnected by telephone lines. This radio organization was founded largely through the efforts of the Sociedad Ibérica de Construcciones Eléctricas, a company affiliated with International General Electric and the Radio Corporation. Regular programs, much like American programs, are transmitted and are very popular. One peculiar feature of Spanish broadcasting is that the listeners-in of the various cities have organized themselves into associations and help to support the stations. Radiolas and Radiotrons are very popular among Spanish fans.

### Philadelphia

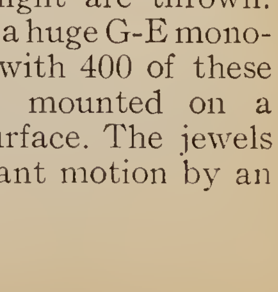
No gears to shift. Very economical on gasoline consumption. A faster pickup. Simplicity. These are some of the advantages of the very latest type of taxicab—the gas-electric taxicab. This type of vehicle, which works on the same principle as that used in the popular gas-electric trucks, is rapidly making a name for itself in Philadelphia, where it is being used. The Yellow Cab Company of Philadelphia co-operated with our Company in developing this cab.

### China

On the opposite page is shown a photograph which seems to prove that the G-E spirit has been carried all the way to China. The Chinese shown in the picture are employees of our affiliated Company in China. Athletic competition is fostered among the employees, and serves to bring them closer together, in play as well as in work, so that they may develop the true spirit of co-operation. Our Chinese co-workers are taking to golf, football, basketball, and other games of ours.

### New York

Something new in electric signs was recently introduced in New York. This new type of sign was designed by W. D'Arcy Ryan, director of our illuminating laboratory, and is composed almost entirely of large diamond-like jewels on which beams of light are thrown. This sign, which is a huge G-E monogram, is covered with 400 of these Novagem jewels, mounted on a rough gold leaf surface. The jewels are kept in constant motion by an electric agitator.



# What We're Thinking About

## Economics Vs. Health

OLD Farmer Tightmoney wasn't exactly stingy, but he was mighty economical. One day, while he was working around the barn yard, he fell into the cistern. The water was quite a bit over his head, and it was uncomfortably cold. But fortunately he could swim. His wife, a thin, frail old woman, heard his cries of distress. She ran to the cistern and peered over the edge.

"I can't pull you out, Hiram," she cried, "but I'll ring the dinner bell and the hired men will come in from the fields and get you out."

"What time is it?" gasped Hiram, as he swam in a circle down in the cistern.

"About eleven o'clock," answered his wife.

"Then don't ring the bell yet," he gurgled. "Let them work until dinner time. I'll just swim around until they come."

The story doesn't tell whether he survived his hour's swim. But it's a safe bet that the least he got for his efforts was a severe cold, and that he probably got something worse.

A great many people are just as foolish as Farmer Tightmoney when it comes to their health. Lots of people, when they get a small scratch, would rather risk infection than take a few moments off to have it fixed at the dispensary. Yet the doctor is always there ready to help you, and his service doesn't cost anything at all. Isn't it foolish to risk infection and possible lost time when trouble can be prevented so easily? It's far better to conquer these small wounds before they grow and conquer you.

## He Should Have Waited

THIS is a sad story*, a tale of a man who owned a house near the business district in the center of New York City. One day they started to put up a skyscraper next door to his home. For months the awful racket of pneumatic riveting machines sounded in his ears. It nearly drove him mad. Night and day the riveters worked, so that he had no relief by day nor any by night either. Sometimes in desperation, in the small and chilly hours of the morning, he would arise from his bed and take long walks in an effort to get away from that terrible noise. But the ceaseless drumming of those fiendish instruments followed him everywhere.

Then, finally, the riveting stopped. The frame was all up, and the comparatively quiet work of finishing the building was all that was left to do. The man sighed with relief.

"Well," he sighed, "here's for a good night's sleep."

He turned in, and slept like a log, without stopping, for three nights and two days. Then on the morning when he awoke, he saw them tearing down the building on the other side of his home.

"What's going to be done here?" he asked.

"Oh, we're only going to put up a skyscraper," they said.

A week later, before the riveting had begun on this new building, they found this miserable mortal in the bathtub of his home, drowned in three inches of water. He couldn't bear the thought of another spell of riveting.

It is a pity the man decided to end it all so soon. For now, from the Philadelphia Works, comes news that a steel-frame building can be erected without the use of a single rivet. In fact, it has been done. One of the Philadelphia Works buildings was made this way. G-E electric welders did the trick. A boon to mankind, indeed!

### Sue's Got a Baby

*(For Mother's Day, May 13th)*

*Sue's got a baby now, an' she*
*Is like her mother used to be;*
*Her face seems prettier, an' her ways*
*More settled-like. In these few days*
*She's changed completely, an' her smile*
*Has taken on the mother-style.*
*Her voice is sweeter, an' her words*
*Are clear as is the song of birds.*
*She still is Sue, but not the same—*
*She's different since the baby came.*

*There is a calm upon her face*
*That marks the change that's taken place;*
*It seems as though her eyes now see*
*The wonder things that are to be,*
*An' that her gentle hands now own*
*A gentleness before unknown.*
*Her laughter has a clearer ring*
*Than all the bubbling of a spring,*
*An' in her cheeks love's tender flame*
*Glows brighter since the baby came.*

*I look at her an' I can see*
*Her mother as she used to be.*
*How sweet she was, an' yet how much*
*She sweetened by the magic touch*
*That made her mother! In her face*
*It seemed the angels left a trace*
*Of Heavenly beauty to remain*
*Where once had been the lines of pain*
*An' with the baby in her arms*
*Enriched her with a thousand charms.*

*Sue's got a baby now an' she*
*Is prettier than she used to be.*
*A wondrous change has taken place,*
*A softer beauty marks her face*
*An' in the warmth of her caress*
*There seems the touch of holiness,*
*An' all the charms her mother knew*
*Have blossomed once again in Sue.*
*I sit an' watch her an' I claim*
*My lost joys since her baby came.*

---

* *It's only partly true, though.*

# Fly Just as Much as You Want To

THE growing popularity of flying, both as a means of transportation and as a recreation, has made many wonder whether they are protected by their life insurance while in the air. Holders of life insurance policies may rest assured that they are fully protected while making aeroplane flights unless their policies contain a clause specifically excluding liability for death incurred in such manner. Life policies, as a rule, are incontestible for any cause after one or two years.

Personal accident policies permit flying only under certain conditions, namely: that flights shall be made only in authorized passenger planes, operated for hire by licensed pilots, between regular designated airports. All other forms of flying are, as a rule, excluded. Holders of accident policies who contemplate aeroplane trips, should, in order to be absolutely sure where they stand, check up with their insurance companies, and, if necessary, secure written endorsements specifically prohibiting or permitting aeroplane flights.

Holders of our Company Group Insurance, both Free and Additional, will be interested to know that it is not affected by any flying which employees may care to do. G-E Group Insurance holds good even for parachute jumping.

That G-E Insurance is appreciated by employees is shown by the very high percentage of employees who have taken it out voluntarily. Its practical value to them is shown by the fact that, since the scheme was inaugurated in November, 1925, more than $1,800,000 has been paid out.

| Years | Date of Death | Employees | Age | Beneficiary | Free Ins. | Add'l Ins. |
|---|---|---|---|---|---|---|
| *Schenectady Works* | | | | | | |
| 2 | Feb. 6 | Giovanni DiCocco | 31 | Wife | Yes | No |
| 5 | Feb. 22 | Lena Marinaćk | 22 | Mother | Yes | Yes |
| 22 | Feb. 27 | Frank A. Andrews | 55 | Wife | Yes | Yes |
| 29 | Feb. 28 | George B. Goodall | 59 | Wife | Yes | Yes |
| 28 | Feb. 28 | Richard L. McCormick | 52 | Estate | Yes | Yes |
| 11 | Feb. 29 | William C. Keeler | 35 | Wife | Yes | Yes |
| 16 | Feb. 29 | Konstan Mikowski | 62 | Sons | Yes | Yes |
| 31 | Mar. 1 | Henry J. Greer | 68 | Wife | Yes | Yes |
| 20 | Mar. 3 | Robert Campbell | 57 | Wife | Yes | Yes |
| 22 | Mar. 4 | James H. Chase | 51 | Wife | Yes | Yes |
| 6 | Mar. 10 | Tony Pokrzywmicki | 56 | Wife | Yes | Yes |
| 36 | Mar. 11 | Henry W. Gould | 54 | Wife | Yes | Yes |
| 21 | Mar. 11 | Frank H. Passage | 52 | Wife | Yes | Yes |
| 12 | Mar. 11 | Edward J. McLear | 45 | Wife | Yes | Yes |
| 16 | Mar. 12 | Thomas J. Maloney | 65 | Wife | Yes | Yes |
| *River Works* | | | | | | |
| 4 | Feb. 28 | Katherine L. O'Keefe | 22 | Mother | Yes | Yes |
| 8 | Mar. 7 | Herbert A. Balcome | 62 | Wife | Yes | Yes |
| 32 | Mar. 24 | Thomas Walsh | 60 | Wife | Yes | Yes |
| *Pittsfield Works* | | | | | | |
| 9 | Feb. 27 | Edward E. Fay | 62 | Wife | Yes | No |
| 21 | Mar. 7 | John Fahey | 68 | Children | Yes | Yes |
| *Erie Works* | | | | | | |
| 11 | Feb. 23 | Emanuel J. Noyer | 63 | Wife | Yes | Yes |
| 9 | Mar. 17 | Andrew Dunleavey | 51 | Wife | Yes | Yes |
| *Fort Wayne Works* | | | | | | |
| 7 | Feb. 18 | Edith K. Peters | 31 | —— | No | Yes |
| *Bridgeport Works* | | | | | | |
| 4 | Mar. 9 | John Peklowsky | 22 | Mother | Yes | Yes |
| 7 | Mar. 25 | Michael Fadick | 45 | Wife | Yes | Yes |
| *Elizabeth Foundry Co.* | | | | | | |
| 1 | Dec. 29 | John Pipcius | 34 | Daughter | Yes | Yes |
| *Maqua Co.* | | | | | | |
| 2 | Mar. 17 | William Friday | 64 | Wife | Yes | Yes |
| *General Office—New York* | | | | | | |
| 20 | Mar. 15 | Charles C. Smart | 47 | Wife | Yes | Yes |
| *Incandescent Lamp Dept.* | | | | | | |
| 6 | Mar. 5 | Jess Gould | 37 | Fiancé | Yes | Yes |
| 5 mo. | Mar. 7 | Mary Plummer | 19 | Mother | Yes | No |
| 2 | Mar. 17 | Ella Koebel | 21 | Pd. disability | | Yes |
| 5 | Mar. 18 | Louis Schafar | 53 | Friend | Yes | Yes |
| 13 | Mar. 23 | Louis Minell | 60 | Pending | —— | Yes |

| | Free Insurance | | Additional Insurance | |
|---|---|---|---|---|
| | No. | Amount | No. | Amount |
| Claims paid month of March, 1928 | 30 | $33,600.19 | 29 | $35,000 |
| Previously reported, 1928 | 60 | 66,699.57 | 55 | 104,500 |
| Total claims paid 3 months, 1928 | 90 | $100,299.76 | 84 | $139,500 |

Total claims paid since Nov. 16, 1925 . . . . . . . . . . $1,812,948.45

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## C.M.T.C. Camps Offer Free Vacation

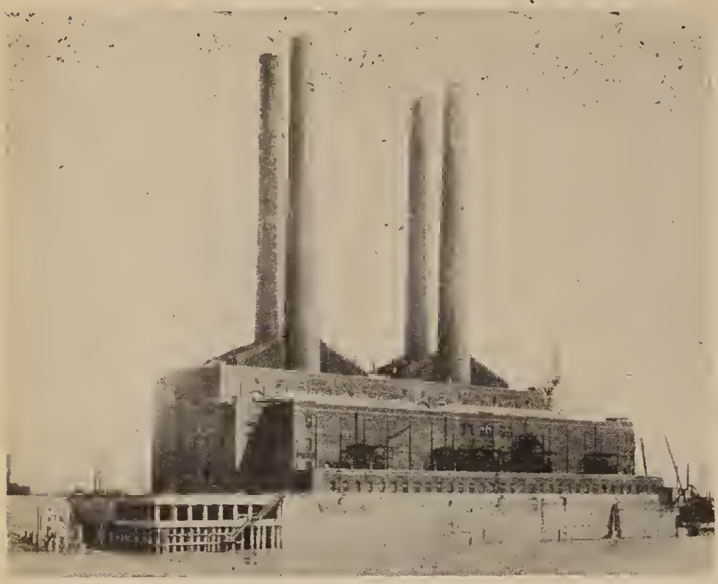
THE summer months are not far away and our minds are naturally turning to thoughts of vacation and the best way it can be spent. In the past the Citizen's Military Training Camp movement sponsored by the United States government, has solved the problem for many. Last year 39,000 young men reaped the benefits of the training offered at these camps, and about 30,000 were denied admittance because of lack of facilities to take care of them. This year similar camps are to be conducted during July and August, and already the C.M.T.C. officers are being flooded with applications.

Life at the camp offers a wonderful chance to spend a month in the open, with all expenses paid by the government. Swimming, sports, rifle practice, and good healthy exercise are all a part of the life at these camps. Appetites are stimulated by the active life, and then richly satisfied by the abundant fare handed out by the Army cooks.

Your Industrial Service Dept. will be glad to explain the conditions under which you are granted a leave of absence to attend the camps. Details may also be learned from the nearest recruiting office.

# It Was Early in the Field and Is Still Going Strong

## *The North American Company Has Set a Record For Public Service That is Hard to Beat*



The Cahokia Station—One of Its Big Ones

IN the year 1890, less than eight years after the opening of the first commercial electrical central station in the world, a group of far-seeing pioneers banded together to form the North American Company, an organization which is today one of the most successful public utility companies in the United States. One of the most influential men in the formation of this company was Henry Villard, the eminent Civil War editor who later became interested in corporate financing and railroad building in the Far West.

Mr. Villard was also one of the early associates of Thomas A. Edison, and had taken the chief part in organizing the Edison General Electric Company, one of our Company's predecessors, just before the formation of the North American Company. So in a way G-E people have a special interest in the story of this pioneer central station company.

The primary purpose of this new Company was to act as a holding company, which would centralize the control of the smaller individual electric light and power and electric railway companies. It was the feeling of these pioneers, which the facts have since proved, that substantial benefits would result from such centralized control—benefits resulting from more efficient and more skillful management.

The growth of this company has kept pace steadily with the increasing use of electricity in the United States. Its original investments were in electric properties in Milwaukee, Wisconsin. Today its electric light and power properties serve 699 communities in the states of Ohio, Missouri, Illinois, Iowa, Wisconsin, Michigan, and California. These communities cluster into four great groups whose centers are Cleveland, St. Louis, Milwaukee, and central California. A total aggregate population of 5,450,000 is served. These property groups, each with its large modern generating stations, have interconnected transmission lines serving directly the wide surrounding areas and furnishing power to other public utilities as well.

An idea of the important part which this company plays in American life is to be gained from the fact that there are only six countries in the world, other than the United States, which produce more electrical energy per year than the North American Company, through its subsidiaries. The electrical output amounts to approximately 5,000,000,000 kilowatt-hours a year. This enormous quantity of electrical energy is produced in 50 generating stations, 27 of them using steam power and 23 using water power.

One of the most unusual things about the North American Company, as distinguishing it from the other large electric light and power systems, is the diversity in the territories which it serves. The territory centering around Cleveland is one of the most highly developed sections of the country. And it promises to grow still more in importance, because it is the logical meeting place for the iron of northern Michigan and Minnesota and the coal of Pennsylvania and the region nearby.

The St. Louis territory is in the very center of the United States, as regards both geography and population. St. Louis, approaching a population of a million, is also a highly developed industrial city, in which electricity for power, as well as for light, has many applications. It is, furthermore, in the center of one of the country's richest farming and mining districts.

Another of the areas served by this company is that of Wisconsin and the upper peninsula of Michigan. Wisconsin is the first state in the Union in value of dairy products, and also ranks high in manufacture generally, having 10,500 manufacturing plants employing more than 300,000 workers. Upper Michigan is a logical part of the Wisconsin industrial territory with extensive operations in the mining of iron ore. It is also served by North American subsidiaries.

And California! There is little need to speak of California. The Californians themselves do plenty of that. But it might be mentioned that the state produces 35 per cent of all the fruit grown in the United States. And in variety of resources and the agricultural future still ahead of it, the Central California

Drawing Power from Mountain Water

area which is served by North American subsidiaries is considered one of the most promising regions on the face of the globe.

It will be seen from this brief description of the territories in which the North American Company operates that it is destined to thrive for many years to come. But even so, this Company is not content to rest upon the laurels of the territories in which it operates. Since it was first organized, it has been untiring in its efforts to give consumers service of the highest quality. Through constant effort, its subsidiaries have established the reputation of being among the most efficient Companies operating.

No better example of public service can be found than the efforts of its California subsidiaries to give adequate service to its customers. Almost unbelievable difficulties were experienced in constructing huge dams and reservoirs, long tunnels and modern power plants high in the Sierras. Romance in industry tells no finer story than the conquering of the Sierras by the power engineers. Trails had to be started, followed by full-width roads through many miles of mountain granite; camps were established at high elevations; heavy machinery had to be transported to the mountain valleys; winter snows and blizzards were fought and overcome.

These, and many similar achievements, are seldom heard of by the North American Company's millions of customers. They want their electricity when they want it—with no waiting. And the company's excellent public relations are proof enough that the customers are satisfied.

The G.E. Employees Securities Corporation owns some of the securities of the North American Company. These securities, bought in recognition of the North American Company's financial stability, are among the sound investments on which G.E. Employees Securities Corporation bonds are based.

## Industrial Control Drive Is Planned for May

THE second of the special 1928 campaigns of the Industrial Dept. will take place during the month of May and will be devoted to industrial control. By coincidence it starts just four years after the campaign on magnetic switches that made General Electric the leader in this class of controllers.

This campaign will call attention to the design, construction and application of all kinds of controllers. It will deal with control for general purpose motors, semistandard and special controllers, controllers to meet special operating conditions, and the advantages of modern types as compared with those sold in the past.

To support this campaign advertisements will appear in over 35 leading industrial magazines. There will also be direct mail advertising to customers and prospective customers, and other publicity activities. Illustrated lectures telling the advantages of various G-E controllers have been prepared. The General Electric radio hour for May 7th will feature industrial control. There will also be a number of conventions and exhibitions during May, and at these there will be exhibits of G-E control equipment.

To the worker the advantage of a campaign like this is important. The entire campaign is designed to sell more control equipment; and the more control equipment we sell the more work there is in the shops where material of this kind is manufactured.

## Inter-Works Safety Contest

SOME improvement in the Inter-Works Safety Contest was noted in the March report. Nearly all the plants have improved their February record. There were, however, a few which dropped decidedly, especially Philadelphia which started the year in first place in Division 1 and has now dropped to sixth place. York still maintains first place having gone from the first of the year without a lost-time accident. Schenectady and Bloomfield have also dropped in the standings.

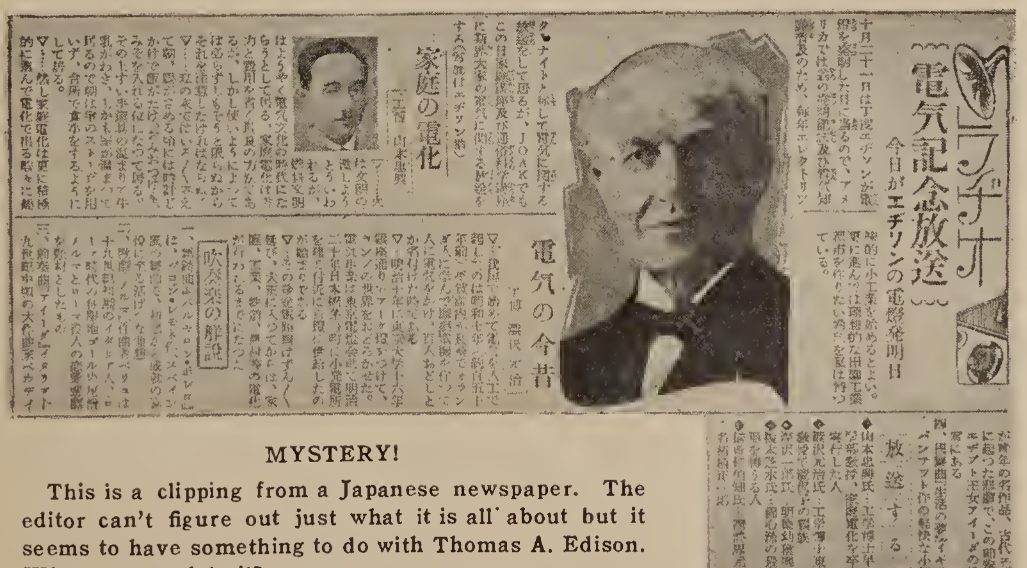
Below is the rating for March. Improvement is designated by an asterisk (*).

| Division 1 | Division 2 |
|---|---|
| York | Baltimore* |
| West Lynn* | Erie* |
| Fort Wayne* | All Plants* |
| Bridgeport* | River Works* |
| Bloomfield | Pittsfield* |
| Philadelphia | Schenectady |
| Oakland | New Kensington |

## Get Out Your Camera and Win a Prize

TWENTY-FIVE cash prizes will be awarded to amateur photographers for the best accident prevention pictures received in a competition to be conducted by the National Safety Council, which is anxious to obtain timely illustrations for use in its campaign against hazards on the streets and highways, in other public places, at home, on the sea, in the air and throughout industry. The awards: first prize, $50; second prize, $25; third prize, $20; fourth prize, $15; fifth prize, $10; ten prizes of $5 each and ten prizes of $3 each.

Entries must be sent to 108 East Ohio street, Chicago, on or before July 16, 1928. A brochure giving complete details will be sent on request.



ラヂオ

電気記念放送

今日がエヂソンの電燈発明日

家庭の電化

電気の今昔

吹奏楽の解説

放送する人

**MYSTERY!**

**This is a clipping from a Japanese newspaper. The editor can't figure out just what it is all about but it seems to have something to do with Thomas A. Edison. Who can translate it?**

## Coffin Fellowships Granted To Eight Men

EIGHT fellowships have been awarded by the Charles A. Coffin Fellowship and Research Commitee for the year 1928-29. Of these, two were renewals of fellowships previously awarded; the others were made to new applicants. This brings the total number awarded since the fellowships were established, in 1922, to 47.

These fellowships were instituted by the Charles A. Coffin Foundation to encourage research in electricity, physics, and physical chemistry, and are given to students who, without aid, would be unable to undertake or to continue such work. They are based upon the belief that not only is much additional information thereby added to the sum of knowledge of these subjects, but that especially qualified men will be encouraged to continue in this line of work. Each student is permitted to choose the institution where he is to continue his research.

Following are those to whom fellowships were awarded:

Robert F. Bacher, Ann Arbor, Mich., who will pursue his studies at the University of Michigan.

Arthur F. Daniel, Charlotte, N. C., who will study at the University of Chicago.

Lal C. Verman, Amritsar, India, who is at present studying under a Charles A. Coffin Fellowship at Cornell and has been granted a renewal.

Jamison R. Harrison, Middletown, Conn., who is at present studying under a Charles A. Coffin Fellowship at Wesleyan University, Middletown. Conn., and has been granted a renewal.

Niels E. Edlefsen, Logan, Utah, who will study at the University of California.

Truman S. Gray, Cambridge, Mass., who will carry on his work at the Massachusetts Institute of Technology.

Neil B. Reynolds, Scotia, N. Y., who is engaged in graduate work at Princeton and will continue it next year under a fellowship.

Donald M. Tilden, Galesburg, Ill., who will carry on research work at Iowa State University.

AND SHE CAN SWIM!

The approach of swimming weather recalls the fact that the city of Erie has one of those rarities, a bathing beauty who is not only a swimmer but a champion swimmer. She is Mae Martin, daughter of Foreman A. M. Martin, Erie Works. The picture was taken at Atlantic City last summer, when she was "Miss Erie".

## Orders Received Increase Over 1927

ORDERS received by the General Electric Company for the first three months of the present year amounted to $79,925,840, compared with $77,550,581 for the corresponding quarter in 1927, an increase of three per cent, and with $86,433,658 for the first quarter of 1926, President Gerard Swope announced recently.

Sales billed for the first three months of 1928 amounted to $71,640,790.40 compared with $72,474,474.03 for the corresponding period last year. Profit available for dividends on common stock for the first quarter of 1928 was $11,261,842.71 compared with $11,028,143.96 for the same three months last year.

A comparative statement of sales and earnings for the three months is shown below.

The profit available for common stock for the quarter is equivalent to $1.56 per share in 1928, and $1.53 per share in 1927.

| | 1928 | 1927 |
|---|---|---|
| Net sales billed | $71,640,790.40 | $72,474,474.03 |
| Less: Cost of sales billed, including operating, maintenance and depreciation charges, reserves and provision for all taxes | 63,404,807.62 | 63,641,300.57 |
| Net income from sales | $ 8,235,982.78 | $ 8,833,173.46 |
| Other income, less interest paid and sundry charges | 3,669,504.23 | 2,838,557.95 |
| Profit available for dividends | $11,905,487.01 | $11,671,731.41 |
| Less: Cash dividends on special stock | 643,644.30 | 643,587.45 |
| Profit available for dividends on common stock (7,211,481 84-100 shares issued) | $11,261,842.71 | $11,028,143.96 |

## Theodore Beran Retires

THE retirement of Theodore Beran, commercial vice president of our Company in charge of the New York district, took effect on May 1st. Mr. Beran entered the General Electric Company through the Sprague Electric Railway and Motor Co., which he joined in February, 1889. In September, 1903, he was made acting manager of the New York district for the General Electric Company and a year later was designated district manager. He was named commercial vice president in 1926.

The announcement giving word of his retirement said in part: "During his long and valuable service, extending over a period of more than 39 years, he has devoted himself whole-heartedly to the Company's interests in building up its business in the important territory of which he was the principal commercial executive.

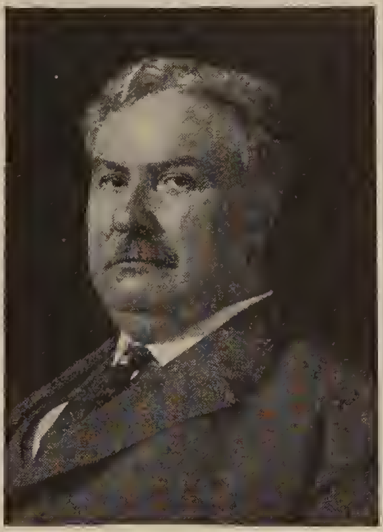
# James J. Wood, Electrical Pioneer, Died April 20th

JAMES J. WOOD, consulting engineer of our Company, who for the past 38 years has been connected with our Fort Wayne Works organization, died of a heart attack on April 20th at Ashville, N. C., where he had gone with Mrs. Wood some ten days before in the hope that the change might improve his health.

Mr. Wood was born in Kinsale, Ireland, on March 25, 1856. He came to New York City with his parents in the fall of 1864. In 1867 the family moved to Branford, Conn., where Mr. Wood, then only eleven years of age, took employment with the Branford Lock Co. Here he received his first acquaintance with intricate mechanical devices, which so interested him that he stayed in the employ of this concern for seven years, during which time he advanced until he had charge of the manufacture of cylinder locks. While here he designed a steam engine which embodied many advanced ideas.

About 1874 Mr. Wood became interested in the development of electricity, and wishing to broaden his experience he severed his connection with the Branford Lock Company and entered the employ of the Brady Manufacturing Company, of Brooklyn, N. Y. His unusual ability was recognized by this company, for in one year he became superintendent and chief engineer. While so employed he attended the Brooklyn evening high school, and a few years later he was graduated from the Brooklyn Polytechnic Institute as a mechanical engineer and draftsman.

With this company he had experience in the design of many special automatic machines and a double acting oil engine which was installed under his supervision in the first Holland submarine. He also had to do with the design and construction of testing and coupling machinery used in constructing the main cables of the Brooklyn Bridge. Following this he did some electrical experimenting for Sir Hiram Maxim and built some experimental arc lamps for J. B. Fuller, an early experimenter in the electrical field. His work with Sir Hiram and Mr. Fuller, it appears, led him into his life's work in our industry.


James J. Wood

It was in May, 1879, that the first Wood arc machine was completed. Mr. Fuller had designed such a machine, but it was heavy and inefficient. Mr. Wood undertook to redesign this generator. In his first attempt he produced a very promising machine that had even greater output than the original Fuller dynamo, yet weighed substantially less. This led to a partnership with Mr. Fuller, resulting in the Fuller-Wood Company. A year later the first closed coil machine was brought out by Mr. Wood. This design was the forerunner of the well-known Wood arc machine, which was manufactured in large numbers for approximately 35 years. After the completion of the closed coil, constant current, high tension, self-regulating, series arc dynamo, Mr. Wood took up the design of complete electrical systems, the apparatus which was manufactured successively by the Fuller-Wood Company, the American Electric Manufacturing Company, and by our Fort Wayne Works under the earlier company names.

It is noteworthy that in 1885 Mr. Wood designed and his company furnished the first electrical equipment for lighting the Statue of Liberty in New York Harbor, seven arc lamps being placed in the torch while eight lamps floodlighted the entire figure.

With Mr. Wood's work at Fort Wayne many of our readers are more familiar. He came to Fort Wayne in 1890. R. T. McDonald, general manager of the Fort Wayne Electric Company, had purchased the American Electric Manufacturing Company which succeeded the Fuller-Wood Company, and persuaded Mr. Wood to come to Fort Wayne to continue his engineering work. At the death of Mr. McDonald in December, 1898, and the consequent purchase of the local plant by the General Electric Company early in 1899, it was largely due to Mr. Wood's influence that the manufacture of electrical apparatus was continued in Fort Wayne.

Mr. Wood was appointed factory manager, and for many years he had to do with the manufacturing at the Plant. Subsequently, he was made a consulting engineer and has since then given his full time to engineering work. Mr. Wood's outstanding talents were as a designing engineer. Through his earlier experiences with the Branford Lock Company, the Brady Manufacturing Company, the Fuller Company, and others, he developed a very high degree of mechanical skill and ability not only as a designer but as a mechanician. He built samples of many of his machines, tools, and devices by hand at the bench. He had the happy faculty of seeing clearly the essential elements and embodying them in a simple, practical, graceful design.

In his experience of over sixty years, Mr. Wood secured over 240 patents, his latest one covering a refrigerating machine being issued only a few weeks before his death.

Mr. Wood was a fellow of the American Institute of Electrical Engineers for many years and had been selected for the Electrical Hall of Fame as an associate of Brush, Edison and Elihu Thomson.

Those who have been closely associated with Mr. Wood characterize him as one always ready to help others who were devoted to their work and striving for success in their chosen field. His manner was courteous, and in his death many feel the loss of a sincere personal friend.

Reference [illegible]

NEW DIRECTORS OF G. E. EMPLOYEES SECURITIES CORPORATION

*Left to right—Front row:* **R. H. Schaumburg, Baltimore; Charles M. Hall, West Lynn; W. F. Koenig, Fort Wayne; Edwin Kalmbacher, Philadelphia; L. S. Mugford, Erie.** *Back row:* **B. H. Evans, River Works; H. Whittle, Bloomfield; R. C. Graham, Schenectady; F. H. Jeffries, Pittsfield; James Bundock, Bridgeport.**

## Securities Corporation Has Holdings in More Than 100 Companies

IN the April 6th issue the annual report of the G.E. Employees Securities Corporation was published. In the past it has always been the custom to publish a complete list of the Companies in which the Securities Corporation has holdings, but lack of space prevented its publication in that issue. For those interested this list is therefore printed below.

In addition to its holdings of stock of the General Electric Company and its associated companies, your Corporation had investments in the following electric utility companies:

American & Foreign Power Company, Inc., American Gas & Electric Company, American Power & Light Company, American Public Service Company, American Superpower Corporation, Appalachian Electric Power Company, Appalachian Power Company, Associated Gas & Electric Company, Brooklyn Edison Company, Inc., Buffalo, Niagara & Eastern Power Corporation, Carolina Power and Light Company, Central Illinois Light Company, Central Illinois Public Service Company, Central Power & Light Company, Central & South West Utilities Company, Central States Electric Corporation, Chicago City Railway Company, Cities Service Company, Cities Service Power & Light Company, Columbia Gas & Electric Corporation, Commonwealth Edison Company, Commonwealth Power Corporation, Community Power & Light Company, Consolidated Gas Company of New York, Consolidated Gas, Electric Light & Power Company of Baltimore, Consumers Power Company, Continental Gas & Electric Corporation, Detroit Edison Company, Edison Electric Illuminating Company of Boston, Electric Investors, Inc., Electric Power & Light Corporation, Electric Public Utilities Company, Empire District Electric Company, Empire Power Corporation, Engineers Public Service Company, Florida Power Corporation, Florida Power & Light Company, General Gas & Electric Corporation, Georgia Power Company, Idaho Power Company, Illinois Northern Utilities Company, Illinois Power & Light Corporation, International Power Securities Corporation, Interstate Power Company, Jersey Central Power & Light Company, Kansas Gas & Electric Company, Kentucky Securities Corporation, Key West Electric Company, Long Island Lighting Company, Los Angeles Gas & Electric Corporation, Louisville Gas & Electric Company, Massachusetts Utilities Investment Trust, Metropolitan Edison Company, Middle West Utilities Company, Midland Utilities Company, Minnesota Power & Light Company, Mohawk Hudson Power Corporation, Mountain States Power Company, National Power & Light Company, National Public Service Corporation, Nebraska Power Company, New England Power Company, New England Public Service Company, New York Central Electric Corporation, New York, New Haven & Hartford Railroad Company, New York Power & Light Corporation, North American Company, North American Edison Company, North Boston Lighting Properties, North Carolina Public Service Company, Inc., North West Utilities Company, Northern Indiana Public Service Company, Northern New York Utilities, Inc., Northern States Power Company, Northwestern Public Service Company, Ohio River Edison Company, Pacific Gas & Electric Company, Penn-Ohio Edison Company, Pennsylvania Ohio Power & Light Company, Philadelphia Electric Power Company, Philadelphia Rapid Transit Company, Portland Electric Power Company, Potomac Edison Company, Public Service Corporation of New Jersey, Public Service Company of Northern Illinois, Puget Sound Power & Light Company, San Joaquin Light & Power Corporation, Savannah Electric & Power Company, Southeastern Power & Light Company, Southern California Edison Company, Southwestern Gas & Electric Company, Southwestern Power & Light Company, Standard Gas & Electric Company, Standard Power & Light Corporation, Tennessee Electric Power Company, Texas Electric Railway, Texas Power Corporation, Tide Water Power Company, United Gas Improvement Company, United Light & Power Company, Washington Water Power Company, West Penn Power Company, Western Power Corporation, and Western States Gas & Electric Company.

*The one who thinks is the one who wins*

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## Patents Granted

THE following patents were granted in the names of General Electric employees by the United States Government:

*Schenectady:* Oliver C. Traver, protective devices; Eugene R. Carichoff, electromagnetic devices; Gorton R. Fonda, process of and apparatus for isolating argon; Irving F. Byrnes, amplifiers; John J. Conlin, methods of purifying metals; James M. Weed, electric welding; Edward W. Kellogg, power-amplifying systems; David C. Prince, systems of distribution; William A. Ruggles, electron-discharge devices; John D. Hilliard, electric switches.

*Bridgeport:* Howard R. Sargent, attachment-plug adapters; George R. Brown, electric cut-outs.

*Lynn:* Percy S. Bailey, a reflector; Edgar D. Dickinson, emergency governors for elastic-fluid turbines and the like; Reginald G. Standerwick, elastic connections.

*Cleveland:* George R. Shaw and Bernhard F. Tellkamp, methods and apparatus for treating filaments.

*Fort Wayne:* Chester I. Hall, vibration recorders; James J. Wood, refrigerating machines.

Trade Mark GLYPTAL issued to the General Electric Company.

# GIRLS' SECTION

## Elex Club News

MORE than one hundred people attended the bunco-bridge-pinochle party given by the Elex Club in Bldg. 16-2 on April 17th. Twenty-four tables were arranged. Prizes of lovely handkerchiefs were given to the winners at each table, and also an attendance prize was given. Refreshments were served. Marie Blough, chairman of the social committee, and her helpers had charge of all arrangements.

* * *

Elex Club members have had the privilege of listening to some very interesting programs at their weekly meetings held in Bldg. 16-2. April 11th, Margaret Hanna, of our city, who is versed in the subject of ornithology, gave an intensely interesting talk on the subject "Birds and their Habits." She illustrated her talk with specimens of birds of which she has a large collection.

On April 18th, LaVera Vail gave a very interesting account of her trip to various points in the east, Niagara Falls, Montreal, New York City, Washington, D. C., and a week spent at French Point Camp. This camp is for all G-E girls and is located amid beautiful scenery at Lake George in New York state. LaVera says this camp is an ideal place for an outdoor girl to spend a vacation. She also illustrated her talk with pictures, some of which she had taken herself. La Vera is located in Bldg. 18-3, and will be glad to talk to any girl who is interested in this kind of a vacation.

After she had finished, Audrey Sickles, who is employed in the office of Hilgeman & Schaaf, told about an interesting vacation trip she had taken to New York City with stop-overs at Pittsburgh, Washington, D. C., and Philadelphia. She dwelt on the beauty of the Capitol City and Mt. Vernon, and a side trip up the Hudson river which they took out of New York City. Also she had a host of pictures and pamphlets to illustrate her talk. As the vacation season is so near at hand, these talks were received with much interest and enthusiasm and may help some solve vacation problems.

* * *

Plans are being made by Elex Club for a minstrel-vaudeville to be given in Bldg. 16-2 on May 3rd and 4th. Admission tickets will be 25 cents and can be obtained from any member of the club. Agnes Westrick, Bldg. 26-2, is general chairman of the committee on arrangements.

* * *

A mother-daughter dinner sponsored by Elex Club will be given May 10th in Bldg. 16-2 at 6:00 p.m. An appropriate program will follow the dinner. Any G-E girl may come to this dinner and bring her mother or a friend. During the afternoon preceding the dinner a tour of the Plant for any mother who may wish to see some of the interesting tasks that are performed within it, will be conducted by Irene Whitehead. Lenora Schoppman, president of Elex Club, is in charge of arrangements.

* * *

Oh girls, just think! A week-end at Camp Yarnelle. Won't that be great sport? Elex Club is planning a week-end at camp the 2nd and 3rd of June. This Camp Yarnelle is the Y.W.C.A. camp located on beautiful Winona Lake near Warsaw. Boating, bathing, hiking, almost any outdoor sport can be indulged in while at camp, and by June 2nd and 3rd the weather should be perfect. The girls will go up by the Pennsylvania, and there are two trains, one leaving Fort Wayne at 12:55 p.m. and the other at 4:15 p.m. Central Standard time. The round trip fare is $2.20. A small fee is charged for the use of the camp and the girls buy their own "eats." An exact estimate cannot be made at this time, but approximately $1.00 per person will cover these sundry expenses. Also, each girl should take her bed linen, namely, sheets and a pillow case. If you are interested, get in touch with Marie Blough, Bldg. 26-2, phone 278, or Lenora Schoppman, Bldg. 19-4, phone 321.

Watch the bulletins and newspapers for detailed announcements.

## Stenographers and Typists News

Each year the Gregg organization, through a magazine published in New York called "The Gregg Writer," sponsors a world-wide contest to determine who can write the best specimen of shorthand, judged by correct application of principle, form, proportion, size and spacing of outlines, freedom of movement, etc. About 10,000 papers are annually received in this contest and it is quite a distinction to win one of the awards. Besides the prizes for first, second, and third places, honorable mention is awarded to any paper that has outstanding merit and shows more than average skill, the winner receiving a gold O. G. A. (Order of Gregg Artists) pin. Four girls here at the Plant received these little pins in the recent contest. They are Helen Hartman, Material List Dept., 18-5; Hildur Granlund, Blue Print Dept., 18-5; Irene Stier, Transformer Engineering Dept., 19-2; and La Vera Vail, Executive Dept., 18-3. Besides these girls, Helen Krauhs, Order and Stock Dept., 18-4, and Katherine Archer, Fractional Hp. Motor Prod. Dept., 3-3, each received O. G. A. certificates for papers that passed the exacting requirements for membership in the O. G. A.

These girls deserve to be commended for their showing in the contest, as well as for the great amount of practicing they had to do in order to achieve their fine style of writing.

There are many people who would like to have the pins and medals and honors that can be won in many pursuits, but few of them are willing to make the effort to acquire them. Fewer still are willing to spend the necessary time in practice to become proficient. Some may give up in discouragement before the task is completed; the others keep on and eventually win out, and they are the ones who deserve admiration. Nothing worthwhile is ever attained without a great deal of effort. If you want success you will have to work for it. Are *you* willing to do that?

# JUNIORS' PAGE

### I Love You, Mother

Joy Allison

"I love you, mother," said little John;
Then, forgetting his work, his cap went on,
And he was off to the garden swing,
Leaving his mother the wood to bring.

"I love you, mother," said little Nell,
"I love you more than tongue can tell,"
Then she teased and pouted half the day
Till her mother rejoiced when she went to play.

"I love you, mother," said little Fan,
"Today I'll help you all I can."
To the cradle then she did softly creep,
And rocked the baby till it fell asleep.

Then stepping softly she took the broom,
And swept the floor and dusted the room,
Busy and happy all day was she,
Helpful and cheerful as a child should be.

"I love you, mother," again they said,
Three little children going to bed.
How do you think the mother guessed
Which of them really loved her best?

Ruth Swank

Lawrence Rohrman

Romey McSorley

Nellie McSorley

Dear G-E Juniors:

After the showery April days are over, then come sunshiny days in May when the little wild flowers come peeping up amongst the leaves and grass in the woods and fields and the flowers in our own yards come out in their bright dresses. Hidden in the puzzle on the Juniors' Page this month are five flowers that bloom in May. See if you can find them and name them. Mother's Day comes this month, May 13th, and the last of May we have Decoration Day. Maybe you will find your mother's favorite flower in the puzzle.

Every one of you who sent in letters in answer to the April puzzle found the Easter bunny, riding-up-side-down in the wagon full of eggs. In the drawing for prizes, Ruth Rose, Maxine Manoch, Virginia Sponhauer, Charles Kramer, Eugene Wyss, all of Fort Wayne, and Elizabeth Furhman and Evelyn Kohls, from Decatur, were the lucky ones.

I was very much pleased to get letters from some new Juniors, Arno Schelper, Dorothy Jane Canada, Nellie McSorley, Jules Hartman and Herman Houser, from Fort Wayne, and Jaunita Hilton and Guy Koos, from Decatur. All you have to do to become a G-E Junior is to answer the puzzles that appear on the Junior's Page and send your answers to us with your letters, not forgetting to tell us your name and address.

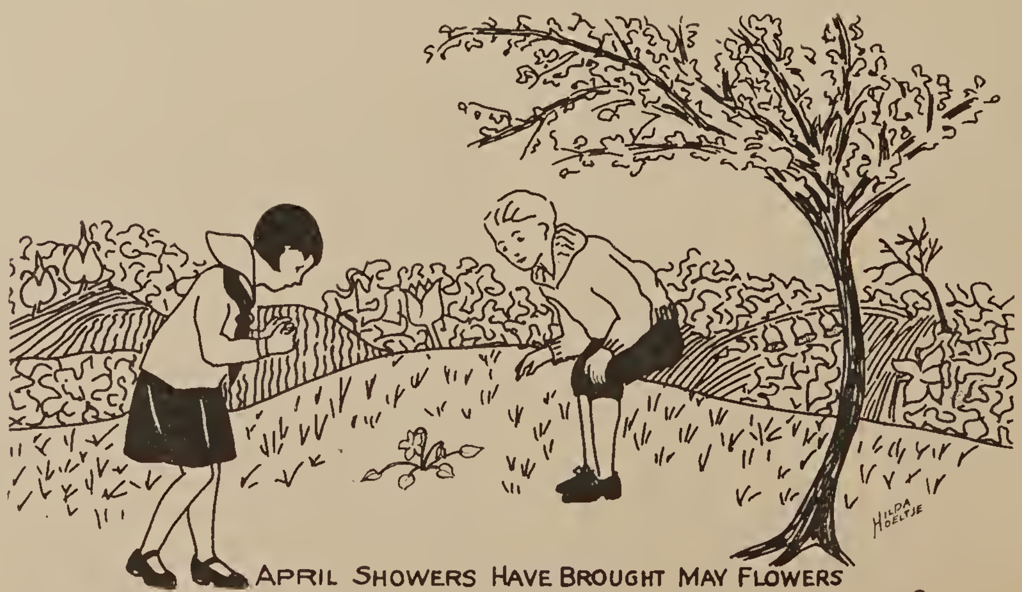
I also received nice letters from Donald Akers, Florence McFeely, Ralph Crall, Dortha Crall, Gertrude Wyss, Dorothy Wyss, Ralph S. Latham, Helen Liddy, Margot Loeschner, Helen Hickman, Albert Devaux, Bonnie McSorley, Wanda Chupp, Alice Mae Seibold and Thomas Houser, all from Fort Wayne, and Dorothy Miller, Sephus Jackson, Catherine Jackson and Mildred Hesher from Decatur.

Clara Eleanor Houck sent in an answer to the March puzzle too late for us to include her name in the April issue. Another letter came to us from 1405 Stophlet St., but the little boy or girl who sent it failed to sign his name. Won't he write and tell us who he is?

I had a jolly time reading all the letters I received last month. Jaunita Hilton sent me her picture, and Nellie McSorley sent me not only a picture of herself but one of her brother Romey. I was pleased to get these. Margot Loeschner, Catherine Jackson and Sephus Jackson each sent me poems. I enjoyed them very much.

This is the last puzzle in the year's contest for the annual prizes. In June we will tell you who won these big prizes and we expect to have pictures of the winners on the Junior's Page in June. These prizes are something that any of you would like. They are to go to the boy and the girl who have sent in the most correct answers to the puzzles published during the past twelve months.

In the June G-E News will appear the first puzzle for next year's contest. Remember, a puzzle will be published each month and we hope all of you who still will be under thirteen years of age by



APRIL SHOWERS HAVE BROUGHT MAY FLOWERS
HOW MANY CAN YOU FIND IN THE PICTURE?

June, 1929, will begin next month and try to solve all of the puzzles. Don't forget to send in your answer to the flower puzzle this month, for it might make you win the big prize for this year.

Sincerely,

Jill

### The Watcher

*She always leaned to watch for us,*
*Anxious if we were late,*
*In winter by the window,*
*In summer by the gate.*

*And though we mocked her tenderly,*
*Who had such foolish care,*
*The long way home would seem more safe,*
*Because she waited there.*

*Her thoughts were all so full of us—*
*She never could forget.*
*Ana so I think that where she is*
*She must be watching yet.*

*Waiting 'til we come home to her,*
*Anxious if we are late—*
*Watching from Heaven's window*
*Leaning from Heaven's gate.*

—MARGARET WIDDEMER.

## Decatur Section

### Ethel Durbin Dies

ETHEL DURBIN, Winding Dept., died April 7th, at the Adams County Memorial Hospital, where she had undergone an operation for pulmonary abscess. Miss Durbin had been an employee of the General Electric since January 19, 1925. She was a capable worker, an active member of the Gecode Club and had a host of friends among her fellow employees.

Ethel Durbin

### The Band

THE Decatur General Electric Band has been practicing hard during the past winter under the capable direction of Joe Danner, and is eagerly looking forward to the season of outdoor concert work. Recently the bandsmen received new uniforms, so they are sure of making a good appearance. The organization opens the season at the Indianapolis Speedway races, Decoration Day, May 30th.

### Miss Beneke Entertains TNT Club

AT her home, 453 St. Martin St., Florence Beneke was hostess to the members of the TNT Club when they met on April 9th. The evening was spent playing progressive bunco, prizes being won by Edith Schreiner, Viola Haggerty and Corrine Schreiner. A delicious lunch was served. Those present: Bertha Heckler, Corrinne Schreiner, Edith Schreiner, Ireta Erwin, Viola Haggerty, Edna Etzler, Gladys McMillan and the hostess.

### Let Us "Safety-ize" the Home, Too

THE cobblers' kids, we've been told frequently, are poorly shod. We've also heard rumors that some safety workers forget to practice safety principles at home. The idea that home is a place where you don't have to watch your step is responsible for several thousand deaths in American homes every year and an untold number of injuries ranging from slight bruises and scratches to broken bones.

Some claim that the increasing use of mechanical equipment in the home is responsible for the high rate of accidents. Home accidents, however, are as old as the home itself but nobody thought much about them until insurance companies and the National Safety Council began collecting and publishing statistics. Our homes, in spite of electric washing machines, toasters and vacuum cleaners, are probably safer than those of 100 years ago when weaving, soap making and other jobs now confined to the factory were done at home.

The power wringer on the washing machine is not the safest device imaginable but the shaky stepladder, the icy pavement and the broken stair tread cause far more accidents. Electricity lags far behind the match as a cause of fires.

A home inspection carried out with the same thoroughness as a factory may reveal a surprising number of hazards. In too many homes nobody feels the responsibility until someone gets hurt.

Some furniture dealers use the slogan "Your home should come first." Twisting it to our own use, the safety of our families should be first with us.

### Phillips-Peterson

Gladys Peterson, Winding Dept., was married to Paul Philips on April 11th, at the St. Marys Catholic Church. After a short wedding trip Mr. and Mrs. Phillips will be at home on Dierkes Street, and glad to welcome their many friends.

"I hear that Hank had an accident."

"Yes; someone gave him a tiger cub and told him that it would eat off his hand."

"Well?"

"It did."

## Athletics

### G-E Club Basketball Team Closes Successful Season

THE G-E Club Basketball team played 36 games this season, 21 on the new G-E Club floor and 15 on foreign courts, meeting the strongest teams available. Thirty-one of these games are in the win column and only four were lost. Three of the games were lost to teams later defeated by the G-E five by large margins. A total of 1268 points were scored by the Club five against their opponents' 1058. Among the teams to taste defeat were the Flint Buicks, Rushville (State Independent Champs), Olson's Terrible Swedes, Delco Remy's and the Detroit Collegians. The latter team, the former varsity five of the University of Detroit, had not lost a game all season and had defeated several Western Conference teams. The G-E five, with a big second half, Nobles playing the leading role, sent the collegians back to the automobile city on the short end of a 32 to 19 score.

Most of this year's team will be on hand next fall to answer the first call. Kowalcyzk will probably return to Wisconsin University this fall. It is possible that Myers may also go back to school. Virgil, who finished the season with the Club, will probably be on the squad next year.

G-E CLUB BASKETBALL TEAM

*Front row:* Dee Hamilton, coach; Wisner, Holmes, Nobles, Myers, Virgil, Ray Lindemuth, manager; *Back row:* Kowalczyk, Hueber, Steele, Spahr, captain; Bruce Hamilton.

A summary of the games played this season follows:

| | |
|---|---|
| G-E Club 24—(Exhib.) Ft. Wayne Hoosiers | 49 |
| G-E Club 46—at Syracuse | 43 |
| G-E Club 24—at Flint Buicks | 55 |
| G-E Club 50—Rushville | 20 |
| G-E Club 32—at Wolf Lake | 30 |
| G-E Club 31—Indianapolis Turners | 25 |
| G-E Club 38—at Howe Mohawks | 24 |
| G-E Club 51—at Wabash Paper Board | 27 |
| G-E Club 31—Indianapolis Ramblers | 22 |
| G-E Club 42—at Warren Rexalls | 36 |
| G-E Club 35—Wolf Lake | 16 |
| G-E Club 37—Wabash Paper Board | 33 |
| G-E Club 31—at Wapakoneta Amer. Legion | 27 |
| G-E Club 48—Toledo Plate Glass | 18 |
| G-E Club 42—at Auburn Autos | 35 |
| G-E Club 51—Flint Buicks | 35 |
| G-E Club 32—Wabash Paper Board | 20 |
| G-E Club 27—at Warren Rexalls | 25 |
| G-E Club 40—Wapakoneta Amer. Legion | 31 |
| G-E Club 35—at Culver Independents | 29 |
| G-E Club 41—Warren Rexalls | 18 |
| G-E Club 31—Olson's Terrible Swedes | 33 |
| G-E Club 40—at Bluffton Moose | 39 |
| G-E Club 37—Auburn Autos | 20 |
| G-E Club 44—at Indianapolis Turners | 37 |
| G-E Club 33—*Catholic Community Center | 15 |
| G-E Club 29—*Dudlo | 16 |
| G-E Club 21—*Walther League | 9 |
| G-E Club 36—*G-E Mazdas | 18 |
| G-E Club 26—*Wolf Lake | 22 |
| G-E Club 22—*South Bend | 24 |
| G-E Club 25—at Wapakoneta Amer. Legion | 33 |
| G-E Club 43—Anderson Delco Remys | 23 |
| G-E Club 36—Olson's Terrible Swedes | 17 |
| G-E Club 25—Muncie Ex Bearcats | 15 |
| G-E Club 32—Detroit Collegians | 19 |
| 1268 | 1058 |

---

* State Independent Tournament.

Wardner Myers, star forward of the G-E Club five, led the team in scoring with a total of 385 points to his credit. B. Hamilton contributed a total of 179 points to the grand total. Nobles came strong toward the end of the season, finishing third with a total of 130 points.

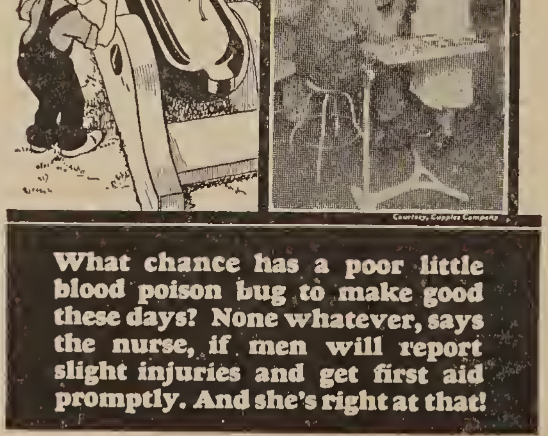
The individual scoring of the players follows:

| | G. | FG. | FT. | Per. | Total |
|---|---|---|---|---|---|
| Myers | 36 | 146 | 93 | 62 | 385 |
| B. Hamilton | 33 | 82 | 15 | 22 | 179 |
| Nobles | 34 | 57 | 16 | 40 | 130 |
| Holmes | 33 | 44 | 35 | 46 | 123 |
| Kowalcyzk | 33 | 47 | 28 | 51 | 122 |
| Wisner | 32 | 41 | 24 | 41 | 106 |
| Spahr | 34 | 36 | 18 | 33 | 90 |
| Hueber | 34 | 28 | 14 | 35 | 70 |
| Steele | 22 | 21 | 7 | 18 | 49 |
| Virgil | 4 | 5 | 1 | 3 | 11 |

### Winter Street Works Champ

The basketball five of the Winter Street Plant won the championship of the interdepartment league after finishing on top in the second half, by defeating the Small Motor two out of three games. The Small Motor won the first game, but the Refrigerators were without the services of "Shady" their star forward. In the second game the Winter Street five led by "Shady" evened the count and in the third battle the Winter Street five nosed out the Small Motors 26 to 23. "Shady" and Kestner were the leading lights for the Refrigerators while Boxell and Sauers led the motor makers' attack. The standing at the end of the second half follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Winter Street | 7 | 0 | 1000 |
| Transformer | 6 | 1 | .855 |
| Apparatus | 5 | 2 | .714 |
| Small Motor | 4 | 3 | .571 |
| G-E Squares | 3 | 4 | .428 |
| Apparatus | 2 | 5 | .285 |
| Meter | 1 | 6 | .142 |
| General Service | 0 | 7 | .000 |


Good-bye Little Germ!

Courtesy, Cupples Company

What chance has a poor little blood poison bug to make good these days? None whatever, says the nurse, if men will report slight injuries and get first aid promptly. And she's right at that!

### Volleyball Team Enters State Tournament

For the first time the G-E volleyball team entered in the state volleyball tournament. Under the leadership of Jimmie Johnson the team lost to Dudlo in their first game but came back to defeat the Plymouth Congregational in their second game. In the third game the G-E squad lost to the Auburn Autos in a close and hard fought contest. The tournament was a double elimination affair. The G-E team met one of the toughest teams in the tournament in its first game but did well considering. With the practice and experience of the inter-department league this year some good players should be found for the Y.M.C.A. league team.

### Inter-departmental Volleyball League

The Meter Dept. team continues to lead the Interdepartment Volleyball League. losing but one game. The Industrial League team is filling out the league to make an even number of teams, but the games do not count in the standing. The standing of the teams:

| | Won | Lost | P.C. |
|---|---|---|---|
| Meter | 8 | 1 | .888 |
| Main Office | 6 | 3 | .666 |
| Apprentice | 4 | 2 | .666 |
| Material List | 4 | 5 | .444 |
| Small Motor | 3 | 6 | .333 |
| G-E Squares | 2 | 4 | .333 |
| Accounting | 0 | 6 | .000 |

### Semi-pro Baseball

The outlook for semi-pro baseball for this year is none too promising. Several schemes for fostering such a team have been considered but have been tabled either temporarily or indefinitely. There are a considerable number of good baseball players in the Plant, some of which have seen service in the big leagues, others in good minor leagues and some in the best of semi-pro company. The majority of these players wish to play and are willing to take their chances of making any profit to themselves. The positive advertising value of such a team is questionable, but at least such a team could furnish entertainment for those fans who appreciate the better brand of baseball. It is to be regretted that this available talent is not to be utilized.

### Y.M.C.A Industrial Baseball League Organized

At the first call for baseball twelve teams were represented at the organization meeting with a possiblity of enough more entering to make two leagues possible. Dudlo, Western Gas, Wayne Co., Bowser, International Motors, Wayne Knit, Pennsylvania, Bass, Tokheim, Home Telephone, Printing Co., and General Electric will have teams. Due to the cold spring the season will probably be delayed somewhat and will not start until early May. Guy Plaisted will manage the team this year and is rounding up the candidates for a championship team.

HEALTH INSURANCE

**Considerable interest has been shown by the girls in the women's gym class, which was organized some time ago. Approximately 35 have taken part regularly in this systematic course of training, and all are enthusiastic about it.**

### Fisherman's Luck

The basketball tossers have had their day, the water polo splashers have rolled up their trunks and the bowlers are rolling their last ball down the polished drives. We now do homage to the least of all unsung heroes, the guy that patiently tries to kid an unsuspecting member of the finny tribe that the piece of painted cedar on the end of his line is a nice juicy morsel. We mean the fisherman. When the big one is safely over the side of the boat the best of the old timers like to tell the world about it. When a picture is taken you like to show it to your partners in the shop, so why not let the others see it through the columns of the NEWS? Briefly, we hope to publish each month snap shots of the big ones caught by G-E people at our nearby lakes and rivers. Send in your photos to X. J. Divens, Bldg. 18-5.

### Gymnasium Classes

Gymnasium training in the line of pure physical culture was not started in our G-E Club gym until late in the winter season. Nevertheless, considerable interest has already been shown in this work. Two classes have been organized, one for the men and the other for women. The men's class meets immediately after work on Wednesdays and Fridays, while the girls meet at the same hour on Thursdays. About 50 different men have been attending their class quite regularly, while in the women's class something like 35 have taken part. A. De La Grange and C. Kirbach are acting as instructors. "Setting up" exercises and indoor games such as basketball, indoor baseball, etc., are used, so that there is fun mixed with the more business-like physical exercises. The classes are open to anyone who cares to put in an appearance. All that is required is a gymnasium suit. The towel and soap needed for the shower which follows, are available at the gym at the fee of 5 cents. These classes are recommended to anyone who feels the need of a little wholesome physical recreation.

## Bowling

### Summer Bowling

The duck pin and candle pin games will be available on the club alleys as soon as the regular league ten pin bowling season is closed. The plans are to provide four sets of duck pins and a couple of sets of candle pins so that half of the alleys may be used for these popular summer games. Ten pins, of course, will be available on the other alleys; so there will be bowling for everyone right through the season.

### G-E Bowling Tournament Has Large Entry List

The G-E bowling tournament, which started early in April, had 76 entries in the five men event and a large list in the singles and doubles events. The five-men teams were limited to players whose averages totaled 750. The doubles limit was 325 and the singles were divided into three classes. The standing of the leaders to date follows:

FIVE MEN

| | |
|---|---|
| Wire and Insulation | 2494 |
| Induction Motor | 2489 |
| P. and J. Machines | 2460 |
| Holz Wonders | 2452 |
| SDA Motors | 2447 |

DOUBLES

| | |
|---|---|
| C. Dicke—G. Kaade | 1121 |
| Bradmiller—Eber | 1060 |
| Shady—Doehla | 1030 |
| Buckles—Hoffman | 1007 |
| Kammeyer—Kammeyer | 996 |

SINGLES

| | |
|---|---|
| Nicole—Class A | 487 |
| Franke—Class A | 481 |
| Bradmiller—Class B | 559 |
| Laisure—Class B | 558 |
| Eber—Class B | 551 |
| Dicke—Class B | 541 |
| Ramsey—Class C | 472 |
| Kline—Class C | 443 |
| Evers—Class C | 432 |
| Blackburn—Class C | 422 |

### Meter Dept. League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Jewels | 20 | 4 | 833 | 828 |
| Gears | 15 | 9 | 625 | 818 |
| Magnets | 13 | 11 | 542 | 807 |
| Bases | 13 | 11 | 542 | 783 |
| Terminals | 12 | 12 | 500 | 800 |
| Pivots | 12 | 12 | 500 | 789 |
| Discs | 11 | 13 | 458 | 795 |
| Registers | 11 | 13 | 458 | 792 |
| Elements | 11 | 13 | 458 | 783 |
| Leads | 10 | 14 | 417 | 795 |
| Covers | 9 | 15 | 375 | 762 |
| Seals | 7 | 17 | 292 | 777 |

INDIVIDUAL AVERAGES

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Rupple | 66 | 181 | Weick | 81 | 177 |
| C. Rump | 87 | 179 | Jacobs | 81 | 173 |
| Rietdorf | 81 | 178 | Bushing | 81 | 173 |
| Lawrence | 66 | 178 | Timme | 90 | 172 |
| Voorhees | 86 | 177 | Hueberp | 76 | 169 |

HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| C. Rump | 245 | Voorhees | 645 |
| Voorhees | 244 | Bell | 636 |
| Allen | 236 | V. Rump | 607 |

HIGH TEAM SCORE

| | One Game | | Threes Games |
|---|---|---|---|
| Terminals | 942 | Terminals | 2596 |
| Pivots | 927 | Gears | 2588 |
| Gears | 904 | Jewels | 2552 |

LIKEWISE THE MEN

**Even more men than women have shown an interest in regular gymnasium training. Approximately 50 men have been attending the men's gym class, which holds regular meetings under the instructorship of A. De LaGrange.**

## Transformer League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Toys | 31 | 11 | 738 | 766 |
| Bells | 28 | 14 | 667 | 759 |
| Oil Burners | 23 | 19 | 548 | 755 |
| Currents | 22 | 20 | 524 | 751 |
| Autos | 22 | 20 | 524 | 741 |
| X-Rays | 22 | 20 | 524 | 724 |
| Potentials | 21 | 21 | 500 | 749 |
| Nitelites | 16 | 26 | 381 | 733 |
| Filaments | 14 | 28 | 333 | 728 |
| Radios | 11 | 31 | 262 | 723 |

### INDIVIDUAL AVERAGES

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Cox | 96 | 178 | Garihan | 90 | 164 |
| Cook | 93 | 172 | Long | 96 | 163 |
| Rietdorf | 66 | 170 | Bower | 66 | 163 |
| Orff | 93 | 168 | Einseidel | 87 | 162 |
| Tagtmeyer | 96 | 167 | Fredendall | 60 | 160 |

### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Garihan | 244 | Cook | 596 |
| Cook | 231 | Cox | 577 |
| Brown | 231 | Boutwell | 575 |

### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Nitelites | 906 | Filaments | 2443 |
| Oil Burners | 868 | Potentials | 2428 |
| Autos | 868 | Toys | 2418 |

## Tool & Equipment League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Special Machines | 28 | 14 | 666 | 777 |
| Machines | 25 | 17 | 595 | 777 |
| Jigs and Fixtures | 23 | 19 | 547 | 779 |
| Special Tools | 21 | 21 | 500 | 771 |
| Grinders | 21 | 21 | 500 | 758 |
| Punches | 18 | 24 | 428 | 769 |
| Dies | 17 | 25 | 404 | 758 |
| Tool Supervisors | 15 | 27 | 357 | 754 |

### INDIVIDUAL AVERAGES

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Rehm | 51 | 180 | Seibel | 72 | 164 |
| J. Franke | 75 | 176 | Brenner | 84 | 163 |
| Gerdom | 69 | 174 | Suelzer | 54 | 163 |
| Knepple | 81 | 168 | Hayes | 78 | 162 |
| W. Franke | 83 | 167 | Thiele | 78 | 162 |

### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| J. Franke | 247 | Gerdom | 629 |
| Gerdom | 244 | Roembke | 605 |
| Totten | 239 | J. Franke–Totten | 601 |

### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Special Machines | 906 | Special Machines | 2563 |
| Punches | 898 | Machines | 2498 |
| Machines | 885 | Jigs and Fixtures | 2476 |

## Foremen's Association League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Tool Supply | 14 | 4 | 778 | 768 |
| Tool Making | 12 | 6 | 667 | 755 |
| General Service | 10 | 8 | 556 | 768 |
| Transformer | 9 | 9 | 500 | 752 |
| Small Motor | 9 | 9 | 500 | 735 |
| Meter | 9 | 9 | 500 | 718 |
| Apparatus | 8 | 10 | 444 | 739 |
| Ice Machine No. 2 | 8 | 10 | 444 | 734 |
| Pattern Shop | 8 | 10 | 444 | 722 |
| Ice Machine No. 1 | 7 | 11 | 389 | 731 |
| Machine | 7 | 11 | 389 | 716 |
| Wire and Insulation | 7 | 11 | 389 | 710 |

### INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| Buuck | 177 | Schild | 165 |
| Harkenrider | 175 | Foellinger | 164 |
| Johnson | 172 | Garihan | 163 |
| Korte | 172 | Andress | 160 |
| Grimme | 169 | Bennigan | 160 |

### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Apparatus | 867 | General Service | 2442 |
| General Service | 856 | Tool Supply | 2406 |
| Pattern Shop | 855 | Apparatus | 2401 |

## Inter-Department League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Apparatus | 21 | 6 | 777 | 918 |
| Meter Dept. | 18 | 9 | 666 | 889 |
| Office | 15 | 12 | 555 | 855 |
| Small Motor | 13 | 14 | 481 | 875 |
| Ice Machine | 10 | 17 | 371 | 862 |
| General Service | 4 | 23 | 158 | 872 |

### INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| Doehrman | 209 | Seymour | 185 |
| Schlup | 191 | Huber | 183 |
| Quinn | 190 | Einseidel | 183 |
| Harkenrider | 190 | Zurcher | 182 |
| Auer | 188 | Rump | 181 |

### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Doehrman | 266 | Doehrman | 688 |

### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Meter | 1040 | Meter | 2899 |

## Small Motor League

(Final Standing—Second Half)

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| SD | 33 | 9 | 785 | 836 |
| RSA | 24 | 18 | 571 | 784 |
| RKQ | 24 | 18 | 571 | 801 |
| SA | 21 | 21 | 500 | 792 |
| RSS | 19 | 23 | 452 | 782 |
| SDA | 18 | 24 | 428 | 784 |
| RKT | 16 | 26 | 381 | 783 |
| RSC | 13 | 29 | 309 | 766 |

### INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| F. Quinn | 186 | Kessler | 173 |
| Schoenherr | 181 | T. Seymour | 173 |
| Brooks | 177 | Heinley | 173 |
| H. Franke | 176 | Rose | 172 |
| Korte | 175 | Nicole | 171 |

### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| H. Brooks | 265 | H. Franke | 662 |
| H. Franke | 265 | F. Quinn | 661 |
| Quinn | 246 | H. McKee | 653 |
| Seymour | 246 | | |

### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| SD | 950 | SD | 2719 |
| RKT | 949 | RKQ | 2562 |
| RSS | 931 | RSS | 2537 |

## Wire and Insulation League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Bakelite | 32 | 7 | 821 | 744 |
| Paper | 32 | 16 | 590 | 691 |
| Wire Insulating | 21 | 18 | 538 | 703 |
| Office | 17 | 22 | 436 | 696 |
| Wire Rolling | 17 | 22 | 436 | 683 |
| Mica | 7 | 32 | 179 | 673 |

### INDIVIDUAL AVERAGES

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Buckles | 74 | 164 | Schultz | 81 | 153 |
| Kampen | 81 | 161 | Glenn | 81 | 150 |
| Huffman | 75 | 161 | Selby | 75 | 147 |
| Hamilton | 72 | 158 | Hire | 66 | 146 |
| L. Gardt | 81 | 155 | Price | 78 | 145 |

### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Kampen | 253 | Kampen | 623 |
| Schultz | 237 | Hire | 613 |
| Hire | 234 | Buckles | 608 |

### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Bakelite | 887 | Bakelite | 2409 |
| | | Wire Insulating | 2303 |
| | | Office | 2284 |

## Fire Department League

(Final Standing—Second Half)

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Valves | 12 | 3 | 800 | 826 |
| Hose | 10 | 5 | 666 | 820 |
| Hydrants | 8 | 7 | 533 | 803 |
| Foamites | 8 | 7 | 533 | 797 |
| Ladders | 5 | 10 | 333 | 760 |
| Pyrenes | 2 | 13 | 133 | 758 |

### INDIVIDUAL AVERAGES

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Brayan | 45 | 185 | V. Rump | 48 | 168 |
| D. Hamilton | 36 | 183 | Stahl | 18 | 167 |
| Voorhees | 48 | 180 | Boyce | 30 | 166 |
| Grimme | 45 | 172 | Cunningham | 57 | 164 |
| E. Miller | 54 | 170 | Hoffman | 40 | 163 |

### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Voorhees | 234 | Brayan | 605 |
| Brayan | 224 | Voorhees | 599 |
| Henry | 219 | E. Miller | 573 |
| Muggs | 219 | | |

### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Hydrants | 904 | Valves | 2557 |
| Hose | 885 | Ladders | 2504 |
| Valves | 885 | Hose | 2485 |
| Ladders | 881 | | |

## Decatur Works Bowling

| | Won | Lost |
|---|---|---|
| Flanges | 26 | 16 |
| Stators | 25 | 17 |
| Rotors | 25 | 17 |
| Automatics | 20 | 22 |
| Punch Press | 19 | 23 |
| Motors | 18 | 21 |
| Collectors | 18 | 24 |
| Broaches | 14 | 25 |

### INDIVIDUAL AVERAGES

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| M. Hoagland | 26 | 156 | D. Gallogly | 35 | 146 |
| K. Eady | 32 | 148 | C. Baxter | 30 | 146 |
| Bert Gage | 24 | 148 | E. Johnson | 37 | 145 |
| L. Beal | 37 | 147 | E. Warren | 25 | 144 |
| E. Blackburn | 37 | 146 | T. Gehrig | 33 | 143 |

**G-E TEAM "Y.M.C.A. WATER POLO LEAGUE"**

*Left to right—standing:* Klopfenstein, Redding, Berghorn, manager; *Sitting:* Sherbondy, Meeker, Devore.

# Salesmen in the Shop

LEANING back in his chair, he blew a smoke ring ceilingward as he screwed the cap back on his fountain pen. He had just "signed on the dotted line." The G-E salesman then seemed to breathe a sigh of relief. He had set his heart on securing that order and it had been a long hard fight. But it all seemed eminently worthwhile now. The customer tossed his cigar on the ash tray and smiling a bit, he asked:

"Smith do you know what actually sold me?"

"I'm conceited enough to think that I had something to do with it," Smith replied. "Then, too, the reputation of General Electric goods, for quality, and the G-E reputation for service, must have had much to do with it. Our engineers studied your problems. They made recommendations. You are convinced that these recommendations are sound. You know that the apparatus you need will be built to suit your requirements. Boiled down, it is really a matter of service, I should say."

"You're right on the service and quality idea, but you haven't gone quite far enough," the customer said. "The trip through the Works was the deciding factor. I wanted to know how the apparatus I intended to buy was built. I wanted to know *who* built it.

"The mere size of the Works impressed me. The great machines impressed me. It is not every day that we outsiders see such machines in operation.

"But the thing that interested and impressed me most was the shop workers. It is easy to talk service. Giving service is a different matter. You can't give real service unless your employees are sold on the service idea. Service must begin with the building of a turbine, a motor, a switchboard, a transformer, or anything you may be building.

"As I went through the shops I was looking for these signs of service. I found them, not in one place alone, but generally throughout the Works. And I was sold."

*Salesmen in the Shops.* The idea had been put over to a salesman in the district. For the first time he realized that the shop worker is his ally.

Put yourself in the customer's place. You go through shop after shop. You see men and women at their tasks. They work steadily, surely, taking an evident interest in their work. They seem to realize the importance of production, but do not sacrifice quality for mere speed. You can tell whether or not they are doing their job in a slovenly, half-hearted manner.

You are the customer. Wouldn't the workers' attitude influence you one way or the other? Wouldn't one worker be a good salesman, and another a poor one?

There is no need of pointing a moral here. There is no desire to do so. There is just this thought to be left with you. In addition to your regular task you are, day after day, a G-E salesman as truly as are the men in the district offices. And G-E salesmen, in the shop or the district, are good salesmen.

This monogram appears on all products of the General Electric Company. It is a symbol of the quality and enduring service which G-E workers build into all kinds of electrical equipment.

# G-E Controllers Guide and Conserve Industry's Power

That millions of horsepower may be intelligently guided—that operators, motors, machines, and products may be safeguarded—that production costs may be continually lowered—that power may be conserved—that the work of men may be made easier—these are the reasons why General Electric maintains a great organization within its organization, devoted solely to the design and manufacture of industrial controllers.

For a quarter of a century, General Electric has anticipated industry's demand for more effective, safer, lower-cost controllers. To-day General Electric is the world's largest manufacturer of industrial controllers—with great manufacturing resources, a large corps of control engineers and field specialists, and world-wide service and warehouse facilities.

The G-E monogram and the distinguishing "CR" number are marked on every G-E controller. These are the hallmarks of good control—control which, year after year, continues to earn the confidence of all industry.

301-27B

# GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, SCHENECTADY, N. Y., SALES OFFICES IN PRINCIPAL CITIES

*This advertisement appears in industrial magazines in connection with the industrial department sales campaign on controllers during the month of May*

# The GE News

June 8, 1928

# Our Band Leader

IT was a long time ago, no one seems to know just how long, that the first band was organized among the employees of our Fort Wayne Works. How long this band existed is something we do not know. About 1912 our plant had a very capable musical organization known as the Electro-Technic band but it also became disorganized and it was not until 1914, when the present G-E Band was started, that our Works could boast of a capable and permanent band organization. From the very beginning John L. Verweire has been the conductor. To his ability as a musician and conductor much of the credit is due, not only for the permanence of the organization but for the reputation our band has long enjoyed of being one of the best industrial bands in this section of our country. In recognition of his excellent work as our band leader the portrait of Mr. Verweire is used on the cover of this issue.

Mr. Verweire, as you may know, is a native of Belgium. He received his early musical training in the Royal Conservatory of Music at Ghent. Later, he studied harmony and theory under Nevejahns and Bogart and the cornet under T. Sauvens, Europe's greatest exponent of the trumpet and cornet. After coming to America, Mr. Verweire had opportunity to play cornet in bands under the direction of some of our best band conductors. Among these were such men as "Johnny" Hand, A. F. Weldon and noted J. Hecker, who is credited with having been one of the best band masters in the British Army.

Since coming to our city Mr. Verweire has directed many of Fort Wayne's best known bands. His services in this line have been ever in demand. At present he is the instructor of the News-Sentinel News Boy's band, the Indiana Service Corporation band, while for years he has been the regular conductor of Mizpah Shrine and Knight Templar bands as well as our own G-E Band. He is also instructor of the Concordia College band.

Practically all of the time that he has been conducting our band Mr. Verweire has been working in our plant. Since November 5, 1917, he has been continuously in our employ. On February 5, 1919, he became gauge inspector in the Tool Room, Bldg. 19-3, but on January 31st he was transferred to the Tool & Die Dept., Bldg. 26-5, where his work is on the repair of gauges.

In spite of all his regular activities—his factory work, band work and private instruction of students in music, Mr. Verweire has found time to compose many musical numbers. He is a cornet soloist of unusual skill, a band conductor and composer of unusual ability and a man whom it is a pleasure to know.

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

Vol. 12 June 8, 1928 No. 6

Retired 5-1-31 [illegible] Retired

R. O. Orff

Fred Owen

William Rayhouser

Anthony Stark

Anthony Rose

# Five Local Men Join Quarter-Century Club

AT a meeting of the Board of Trustees of the G-E Quarter Century Club held at Schenectady on April 16th five Fort Wayne Works men were elected to membership. The new local members are: Anthony Stark, Apparatus Detail Dept., Bldg. 17-1; William Rayhouser, foreman, Fractional Hp. Motor Assembly, Bldg. 4-5; Robert Orff, general storekeeper, Bldg. 6-2; Anthony C. Rose, tool keeper, Bldg. 12-1; and Fred B. Owen, Meter Engineering Dept., Bldg. 19-5.

Mr. Stark began his services on December 16, 1902. The first place he worked was in the Switchboard Dept. But for a number of years he has been employed in the Detail Dept. and there you will find him helping fabricate the smaller parts for a-c. and d-c. apparatus manufactured here at Fort Wayne Works. Mr. Stark takes much pleasure and pride in his home and family, and spends most of his leisure right at home.

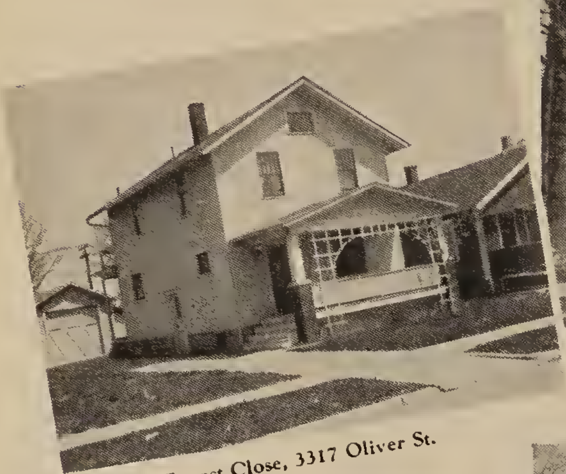
Mr. Rayhouser came to our works on February 9, 1903, starting in the Fan Motor Dept. He was assigned to a japanning machine, but recalls that also it was his job at first to run errands for the foreman. During the following ten years he worked in various departments about the plant and finally landed in the small motor assembly. Since the fall of 1916 he has been a foreman and is now in charge of the fractional hp. motor assembly work done on fifth floor, Bldg. 4. Mr. Rayhouser is married, has a daughter, and has a home on Hoagland Ave. He also has a cottage on the south shore of Crooked Lake.

Mr. Orff says that he started out to be a dry goods merchant. But he changed to a job with a manufacturing concern which built spark coils, magnetos and insulated wire. There he got his first knowledge of wire as used in electrical work and some acquaintance with electrical apparatus itself. However, Mr. Orff's principal experience there was in the line of machine work and he found it necessary to operate various machines. He practically learned the machinists' trade. On March 12, 1903, he began his service at our plant. His first job was with William Schultz, in the assembling of big machines. When the premium system of wage payment was established, Mr. Orff compiled data needed in putting the new wage plan in effect. Then came work in the line of inspection of parts and finished apparatus and later experience as a production clerk. When the equipment of our former Madison plant was transferred to Fort Wayne, he became receiving clerk. Then he was made warehouse superintendent. With later change in the organization, he became general storekeeper in the Order and Stores Dept. His duties include supervision of the Employees' Store, recently moved to new quarters in Bldg. 6, first floor. In speaking of the Employees' Store, Mr. Orff remarks that it would be very desirable if employees, more generally, would respect the confidential nature of employees' prices. Mr. Orff has had an active part in various employees activities, having served as an officer of the Electro-Technic Club and as a director of the G-E Employees Recreational Foundation. On his vacation outings he goes far north into Michigan in the quest for trout.

Mr. Rose is known by an unusually large number of the men for he has spent years as an attendant in the original tool coop from whence for a long time all workmen checked out tools. On the morning of St. Patrick's Day 25 years ago Mr. Rose began his service here. At first, he recalls, he did not like it, but as jobs were then hard to get he stayed with his work. Now, he tells us, that he is glad he remained. His first work was in the apparatus assembly. He was then transferred to the Detail Dept. where he worked for years. Then when they needed help in the tool coop in Bldg. 2, Mr. Rose was transferred and,

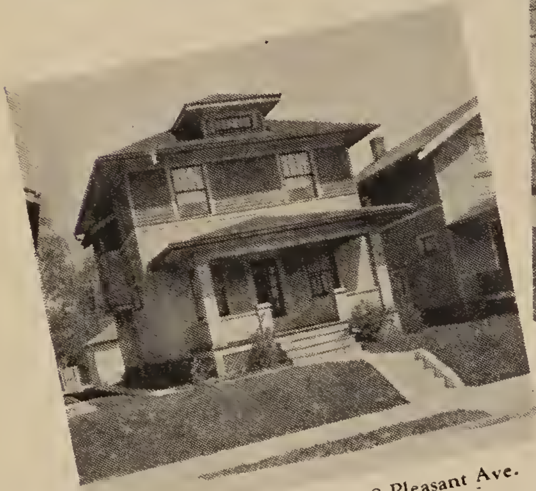
(Continued on page X)

# Homes Under G-E Housing Plan


Ernest Close, 3317 Oliver St.

Mervil H. Cranfill, 3305 Broadway

John F. Dellinger, Arbor Ave.


Ralph S. Van Auken, 2118 Pleasant Ave.

Robert Wylie, 3706 Shady Court

Robert W. Schultz, 1610 Jesse St.

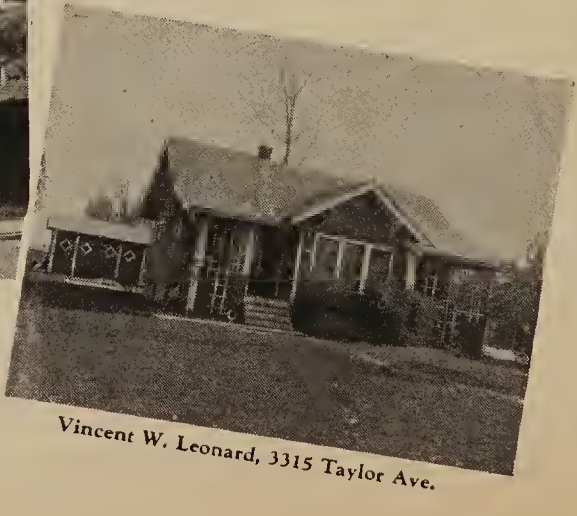
Howard M. Fletter, 1422 Wabash Ave.

Charles F. Martin, 1816 Howell St.

Russel D. Grove, 2511 Fox Ave.

Frank W. Martin, 2009 Brooklyn Ave.

Dorris D. Proxmire, 911 Taylor St.


Vincent W. Leonard, 3315 Taylor Ave.

# Have You Found That "Better Way"?

**Howard Miller**

**William Scherer**

TWO fifty-dollar awards were made on suggestions since the last published report. William E. Scherer, Bldg. 20-1, received one of these on his suggestion regarding a change in the operation of stop lights on winding machines in Bldg. 26-2. The other, an additional award, was made to Albert R. Flory, Bldg. 4-3, on his former suggestion of special chutes for separating shavings from finished work on the Gridley four-spindle machines in the Fractional Horsepower Motor Section. The original award on Mr. Flory's suggestion was $15 and was paid to him last December.

Harry Zimmerman, Bldg. 19-4, was awarded $35 on a suggestion to eliminate a washer used at the end of the plungers in certain relay covers.

Howard G. Miller, Bldg. 6-3, secured $25 award on his suggestion regarding the packing of pressure switches in corrugated paper cartons.

Arthur H. Nord, Bldg. 17-3, received an award of $20 for suggesting a special collar with skim reamer for rounding bearings when rough-reaming as done in Bldg. 17-3.

F. B. Wilcox, Bldg. 2-3, suggested rolling the threads on clamp bolts, Dwg. No. 2078568, parts 5, 10 and 13, used in fractional horsepower motors and received $20 award.

Paul Merkert, Bldg. 6-2, received $20 on his suggestion of a change in the carton used for shipping Frame 147 motors.

Edward Klomp, Bldg. 4-5, was awarded $15 on his suggestion of use of scrap from stator frame 335 for rotor punching frame 1245.

Fred O. Castor, Bldg. 19-4, suggested a means of eliminating an operation on M-10 registers and was awarded $15.

R. Kirby, Bldg. 17-4, received $10 on his suggestion of an improved checking fixture for use in the Tool Room, Bldg. 26-5.

S. W. Schuster, Bldg. 26-5, made a suggestion regarding the use of a less expensive material for transformer wedges, Dwg. K-7800155, and received $10 award.

R. F. Kammeyer, Bldg. 19-4, saw ways to improve milling fixture No. 2925 used in Bldg. 19-4 and was awarded $10 on his suggestion in that regard.

M. D. Warner, Bldg. 17-3, made a suggestion regarding the purchasing of lead tubing from Decatur and received $10 award.

William G. Demsey, Bldg. 6-3, made a suggestion regarding the packing of C-8, CS-8, C-9 and CS-9 clocks and other parts in corrugated paper boxes which brought him a $10 award.

## The Home Owner

*"A family that owns its own home takes a pride in it, maintains it better, gets more pleasure out of it, and has a more wholesome, healthful, and happy atmosphere in which to bring up children.*

*"The home owner has a constructive aim in life. He works harder outside his home; he spends his leisure more profitably, and he and his family live a finer life and enjoy more of the comforts and cultivating influences of our modern civilization.*

*"A husband and wife who own their home are more apt to save. They have an interest in the advancement of a social system that permits the individual to store up the fruits of his labor. As direct taxpayers, they take a more active part in local government. Above all, the love of home is one of the finest instincts and the greatest of inspirations of our people.*

"HERBERT HOOVER."

*If you desire to have a home of your own come to the Industrial Service Dept. and get full details of the G-E Housing Plan.*

**Albert Flory**

**Harry Zimmerman**

Ninety-two awards in the amount of $5 each were made during the period covered by this report. These were made to the following employees and for the suggestions as indicated:

William McClish, Bldg. 19-1, supplying adjusting screws for Apparatus Test beds in Bldg. 19-1.

Harold A. Hart, Bldg. 4-5, change to gate in conveyor in Bldg. 4-5.

Q. E. Romey, Winter St. plant, supplying a rack for riveting pins in Bldg. 4-3.

Cleo G. Greek, Bldg. 8-1, an improved polisher for rectangular insulated wire in Bldg. 8-1.

Phil Wick, Winter Street plant, additional equipment for toilet at Winter St. plant.

Arthur C. Jenne, Bldg. 17-4, change to certain Fractional Hp. Motor Dept. drill jigs to eliminate one operation in Bldg. 4-1.

Martin Walchle, Winter St. plant, supplying shields at air hose at the Winter St. plant.

C. E. Hattendorf, Winter St. plant, supplying caps for float valves at Winter St. plant.

August Herbst, Bldg. 19-4, supplying screens in vent pipe at magnet grinders in Bldg. 19-4.

Elmer Girardot, Winter St. plant, device to pull hose from vacuum tubes at Winter St. plant.

Curtis Weikart, Bldg. 9-1, changing pipe in Power House to facilitate salvage of oil from hydraulic pump.

Matt Krebs, Winter St. plant, supplying a reamer for check valve body holes at Winter St. plant.

E. J. Frye, Winter St. plant, supplying tools for removing bur from inside of cylinders at Winter St.

Oscar H. Cook, Winter St. plant, supplying equipment to facilitate trimming fins at Winter St.

F. Ely Currant, Bldg. 26-2, supplying a shelf for material at conveyor in Bldg. 26-2.

Orlo L. Ray, Winter St. plant, supplying a tool for bending copper coils at Winter St.

Orlo L. Ray, Winter St. plant, improved method of taping float valve case connection at Winter St. to facilitate the removal of the tape.

Basil M. Bowley, Bldg. 4-5, supplying proper circuit-breaking devices for test brakes in Bldg. 4-5.

J. S. Ostrawski, Bldg. 27, supplying a device for use as a temporary repair on Mach. No. 9587 in Bldg. 27.

Carlton Brudi, Bldg. 26-2, change to thinner material for use on tops to GW transformers.

Ralph H. McCain, Bldg. 26-2, supplying drip pans at GW-21 transformer treating machines in Bldg. 26-2.

Oscar H. Cook, Winter St. plant, supplying counters for certain punch presses at Winter St. plant.

Rufus C. Niblick, Bldg. 26-5, supplying safety locks on cross feeds for slotters No. 7111 and 8447 in Bldg. 26-5.

Harold A. Hart, Bldg. 4-5, supplying a forming tool for use with frame 325 nameplates in Bldg. 4-5.

Fred McIntyre, Bldg. 18-2, supplying a shield at door in Bldg. 19-4 W. end.

Roy H. Marsh, Winter St. plant, change to speed of cylinder grooving operation at Winter St.

Howard Miller, Bldg. 6-2, packing MC-12 relays in corrugated paper cartons.

Walter Schelper, Bldg. 4-4, supplying a shaving pan at lathe No. 3912 in Bldg. 4-4.

Laurence Duke, Bldg. 26-4, changing the countersinking operation on TM-5 and M-10 nuts in Bldg. 26-4.

W. G. Demsey, Bldg. 6-3, packing ID-1 relays in corrugated paper cartons.

Esther Shannon, Winter St. plant, supplying additional equipment for switchboard at Winter St.

Walter J. Wolf, Bldg. 26-2, use of tap for cleaning holes in certain transformer clamps after coils are put through treatment.

Virgil Hammons, Bldg. 4-1, supplying a guard along inspector's bench in Bldg. 4-1.

Albert Sonnenberg, Bldg. 4-5, supplying guard on machine No. 629 in Bldg. 4-5.

George W. Auer, Bldg. 12-2, improving the design of spindle of new tension device in use in Bldg. 26-2.

Melvin R. Payne, Bldg. 26-4, change to practice of tagging rejected disks in Meter Dept.

R. S. Van Auken, Bldg. 20-1, supplying crane stop at I beam in Bldg. 26-3.

Fred Buesking, Bldg. 4-3, supplying a guard at gas jet in Bldg. 4-3.

Jenner Pearson, Decatur, supplying improved ventilation for test room at Decatur.

Robert W. Miller, Decatur, use of air pipes in place of hose at certain presses at Decatur.

Frank H. Lemish, Bldg. 26-3, supplying a stop on machine No. 8283 in Bldg. 26-3.

Merle Binkley, Bldg. 19-5, supplying guard on machine No. 17310 in Bldg. 19-4.

Charles J. Masel, Bldg. 17-3, change to material used in Fractional Hp. Dept. Dwg. 2068580.

C. J. LeGras, Bldg. 4-5, countersinking conduit box M-3560224 for flat head screws in Bldg. 4-5.

C. R. Hudson, Bldg. 6, stocking certain meter elements wrapped in corrugated paper.

William H. Moltham, Bldg. 26-4, eliminating certain operations on G-9 stops.

Howard Miller, Bldg. 6-3, packing IP meters in corrugated paper carton No. 30.

B. J. Skevington, Bldg. 26-4, change to sequence of operations on D-2 stop assembly parts to prevent damage to finish.

W. C. Mills, Bldg. 17-2, supplying a trap in air line at Heald machine in Bldg. 17-2.

Eleanor Roebel, Bldg. 19-5, supplying indicating device at glass cover conveyor in Bldg. 19-4 and 5.

Louis D. Hopper, Bldg. 20-1, supplying a stop at door at winding machine in Bldg. 8-1.

J. W. Grams, Bldg. 20-1, re-location of conveyor switch in Bldg. 19-4.

Raymond Epperson, Bldg. 4-5, raising return conveyor in Bldg. 4-5.

Glen Cutler, Bldg. 17-3, supplying a pressure gauge on machine No. 5204 in Bldg. 17-3.

Carl Fisher, Bldg. 4-2, supplying a safety catch for lever on grinder No. 16551 in Bldg. 4-2.

Charles L. Martin, Bldg. 20-2, supplying permanent lights at tunnel cabinets.

C. E. Geiger, Bldg. 26-4, moving fire valve and hose located on Column in 26-4.

Charles Backofen, Bldg. 26-5, supplying guard for crane hook in Bldg. 26-5.

Hugh J. Cameron, Bldg. 16-3, supplying float operated switches at storage tanks in Bldg. 28-B.

Ed Feaser, Bldg. 27, supplying a drip pan at bolt threader in Bldg. 27.

Herman N. Lorts, Bldg. 19-5, use of special non-magnetic screw drivers in Bldg. 19-5.

K. Williams, Bldg. 12-2, supplying blinds for windows in Bldg. 12-2.

Nora C. Coburn, Bldg. 26-2, supplying a floor drain in rest room in Bldg. 26-2.

William C. F. Rehm, Bldg. 19-4, relocating tanks in Plating Dept. in Bldg. 19-4.

C. F. Hambrock, Bldg. 19-5, purchasing a G-9 gear material in 3 by 96 in. strips.

Basil M. Bowley, Bldg. 4-5, supplying additional braces for test equipment in Bldg. 4-5.

Marie J. Fowler, Bldg. 26-2, supplying a device to catch solder at winding machines in Bldg. 26-2.

Clyde Mowery, Bldg. 20-1, change to construction of ladder at blower in Bldg. 4-1.

Paul Hartig, Bldg. 26-2, change to shelving at monorail hoists in Bldg. 26-2.

Mildred M. Bueker, Bldg. 19-4, eliminating use of special iron on outside of M-11 U magnets.

Bryan Brown, Bldg. 4-5, supplying guard for buffer No. 11856 in Bldg.4-5.

Ed Kaliker, Bldg. 26-2, supplying blocks for stamping special ratings on transformer bases in Bldg. 26-2.

William H. Molthan, Bldg. 26-4, rolling threads on studs Dwg. 3520418 in Meter Dept.

Charles G. Jones, Bldg. 26-2, supplying racks to hold leads at conveyor in Bldg. 26-2.

Fred W. Schaaf, Bldg. 4-4, supplying a guard for bolt cutters in Bldg. 4-4.

Dallas F. Robbins, Bldg. 91-5, supplying guards for weights in Bldg. 19-5.

Caroline Hans, Bldg. 19-5, supplying a shield at conveyor belt drive in Bldg. 19-5.

Lawrence L. Bergevin, Bldg. 4-1, change to high potential indicators in Bldg. 4-1.

Ralph Heminger, Bldg. 4-1, supplying a cover for breaker contacts at heat run in Bldg. 4-1.

P. Johnson, Bldg. 19-4, supplying a special cover at flywheel guard for press No. 3798 in Bldg. 19-4.

Louis Scherer, Bldg. 2-E, supplying guard for machine No. 10611 in Bldg. 22.

Ed. R Glenwith, Bldg. 19-5 changing machine No. 3900 used in Bldg. 19-5 to keep the shavings from the work.

C. J. Le Gras, Bldg. 4-5, change to construction of conduit box M-3560224, assembled in Bldg. 4-5.

Wm. G. Demsey, Bldg. 6-3, packing P-4 and PS-4 meters in carton 37.

Andrew Miller, Bldg. 20-1, a device to be used in screwing floor flanges onto pipe uprights in Bldg. 20-1.

Raymond Dotzer, Bldg. 4-4, stamping sizes on certain counterbores.

Hershel L. Smith, Bldg. 4-4, supplying guard at Heald grinder No. 16862 in Bldg. 4-4.

Lester Hubartt, Bldg. 4-4, supplying felt strips at heat run in Bldg. 4-4 to hold footless motors in position.

Arthur McNamara, Bldg. 19-5, change to stroke of foot lever on jig used in Bldg. 19-5.

B. J. Skevington, Bldg. 26-4, using up stock of obsolete gears in Meter Dept.

Lindsay E. Eastes, Bldg. 4-3, changing air line at Machine No. 3734 in Bldg. 4-3.

Vera Singer, Bldg. 8-1, insulating hot water pipe along west wall in 8-1.

# Things Done in a Big Way

## *Fort Wayne Works Flag Caused Much Comment in Its Day*

**MAMMOTH FLAG**

**Enormous flag which was unfurled for the first time in 1898. More than 15,000 Fort Wayne people witnessed the formal flag-raising, and the spectacle drew enthusiastic comment from the press.**

FORT WAYNE Works people have a way of doing things admirably, even though they are not concerned with electricity. Witness, if you will, our G-E Club Building, our G-E Band, our M.B.A., our athletic teams—and our memorial flag pole. From an old newspaper clipping of the period of the Spanish-American War we find that even in those early days when the employees undertook a thing they did it well and in a big way. It is from the Fort Wayne Sunday *Gazette* of July 17, 1898, under the headline "Pretty Flag Unfurled", we find almost a three-column article relating the interesting features of an event which brought 15,000 people to the Works. The occasion was the formal raising of an American flag presented by the employees. The article tells of the patriotic enthusiasm, the grand electrical display, including floodlighting of the flag, remarks by Mr. Barnes in presenting the flag on behalf of the employees and the words of appreciation from Mr. Wood.

But what is more interesting to us is a description of the flag and the pole which has been erected in the corner where Bldg. 2 joins Bldg. 3. This is the way they are described:

"The equipment is erected on the northwest corner of the factory where the walls are of sufficient strength to withstand the strain. The pole, eagle and flag mounted in position have an aggregate weight of 2500 pounds. The pole is clamped to the corner of the building with heavy wrought iron clamps. The center is composed of wrought iron pipe varying from $4\frac{1}{2}$ inches in diameter at the base to $1\frac{5}{16}$ inches in diameter at the top. This pipe not only acts as the backbone of the pole, but at its lower end is connected to earth so as to form the most perfect kind of a lightning rod. It also has running through its center the copper conductors which furnish current to the lights suspended from the eagle's beak. This pipe has fitted to it segmental pieces of wood which are held in position by iron wire wound spirally over them. These are covered by other segments of wood which form the outside of the pole. These are held in position with wire nails and screws, and after trimming to the finished size, 13 inches square at the base to six inches in diameter at the top, are again wound with galvanized steel wire $\frac{3}{16}$ of an inch in diameter with a tensile strength of 2000 pounds. From this construction it will be seen that the pole is not only exceedingly strong, but very pliable, and could be bent like a bow without any danger of breaking. It extends above the building 102 feet in the clear, no guy wires or additional supports being needed.

"The golden eagle which surmounts the pole is also unique in arrangement, standing as it does on a 12-inch sphere and holding in its beak a 6-inch golden ball from which project the national colors composed of three red, white and blue 50-candle power electric lamps. The eagle and its equipment weighs 50 pounds, stands 6 feet high, has a spread of 6 feet 6 inches from tip to tip, and stands 150 feet above the sidewalk.

"The flag is by all odds the largest flag in the state. It is 54 feet 6 inches long and 32 feet 6 inches wide. The stripes are each 2 feet 6 inches wide, while the total weight of bunting used in its construction is 60 pounds."

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## Squares Hold Weiner Roast

BELIEVING that a weiner roast in the cool evenings of spring would be as enjoyable as one in the fall, the G-E Squares met in Franke Park for one on May 25th. Those in charge had preceded the others and had a great bed of hot coals and all the supplies laid out when the crowd arrived. There was nothing lacking when this group of forty got together. The time sped rapidly with song and jest for there is always plenty of kidding between the "old grads" of the different schools when the groups get together. Even before the evening was over the fellows began to lay their plans for the next event—a stag party at Clear Lake scheduled for the week-end of June 16th. The committee in charge: T. N. Ness, chairman; H. K. Pritchard and Ray Jones.

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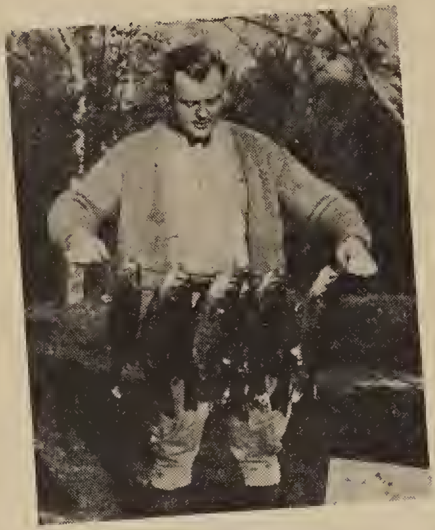
### Safety

"It is the duty of every man to protect himself and those associated with him from accidents which may result in injury or death."—ABRAHAM LINCOLN.

# Can You Do Any Better?

17-lb. pike caught in Lake James by E. E. Baughman, 26-3



A string of small mouth bass caught by H. C. Brudi, 18-2

A 12-lb. pike caught by Clair Knepple, 26-5

E. J. Stroud with a pretty string of black bass that he caught

C. Beery, Decatur, landed this after a hard tussle

Cut throat trout caught by George Waldschmidt

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## Deaths

### Charles Fletter

Charles Fletter

Charles Fletter, gaugeclerk, Tool and Die Dept., 26-5, died April 28th at the St. Joseph hospital after an acute illness of less than two weeks. Mr. Fletter had been suffering from a tuberculous infection of the knee, but had continued at work until April 13th, when he went to a sanitorium.

Mr. Fletter began his services in the Transformer Dept. on August 22, 1917. In June, 1918, he was transferred to the Tool Supply Dept., Bldg. 19-3, working until January 30th of this year, when he went to work under F. R. Hoffman.

His widow is the beneficiary of his membership in the G.E.M.B.A., and the free and additional group insurance which he carried. The funeral was held on May 2nd, at St. Patrick's Catholic Church.

### John Beekner

John Beekner

John C. Beekner, foundry foreman, Winter Street branch, died suddenly on the evening of May 2nd after an illness of only ten days. He had been in the employ of our Company since October 22, 1906, and had in fact worked here before then, his service record being broken. He was a moulder by trade and followed that work until April 16, 1912, when he was made foreman in charge of the foundry, located in Bldg. 20 of the Broadway plant until the work was moved to Winter Street.

### Samuel Richards

Samuel Richards

On the morning of May 5th Samuel Richards, one of our local Quarter Century men, died suddenly of heart failure. He had just arisen in the morning when he suffered the attack. When Mr. Richards began to work for the General Electric he was only 18 years of age. He started in the Arc Light Dept. which then (1897) was a very active place. From the arc lamp section he was transferred to punch press work, thence to the Ice Machine Dept., and finally to the Detail Dept.

Mr. Richards joined the Quarter Century Club in 1924 but had already served more than the required 25 years. He was a member of the G.E.M.B.A. and carried free and additional insurance.

## Saves Fellow Employee by Resuscitation

Russel Case

BY using the prone pressure method of resuscitation, Russell Case, Apparatus Test, Bldg. 19-1, saved the life of Carl Bohde, attendant at the switchboard in 19-B. It was just after lunch on May 15th that Bohde called Case to bring him some leads that he needed for a temporary connection at the switchboard which controls the power circuits to the Apparatus Test. When Case arrived with the leads Bohde asked him to push them under the board so that he could reach them. After doing this Case turned to go back to the test but before he had gone far it occurred to him that Bohde was unusually quiet at his work, so he returned to see if everything was all right. As he stepped behind the switchboard he saw Bohde lying unconscious on the floor. Instantly, Case knew that he must have touched a high tension line.

Imagine yourself in Mr. Case's position, if you will—back of a switchboard, within an enclosure arranged to keep people out, his co-worker unconscious on the floor, and so much noise that no one could hear his calls for help. Mr. Case kept his wits about him and did the proper thing. He realized that if he went for help it might be too late. So he rolled the unconscious man over on his face, turned his head to the side and started artificial respiration by the prone pressure method.

For a long time Bohde showed no signs of life, yet Case kept on with his work. "It seemed like hours," said Case, and actually it was twenty or thirty minutes. Finally, Bohde's breathing started feebly to respond and Case wisely kept on until Bohde was breathing fairly steady and groaning considerably before he left him to phone for help. Without hesitating a moment after getting in his call, Case returned and continued to work with the unfortunate man. By the time the Works physician arrived the injured man had revived sufficiently to be removed to the dispensary.

Although Mr. Bohde was taken to the hospital he seems none the worse for his experience, with the exception of the burns from the high voltage. He feels that his co-worker, Mr. Case, truly saved his life. After this personal test of the prone pressure method of resuscitation, Mr. Case's significant remark was—"*It sure works.*"

We take this opportunity to congratulate Mr. Case on his coolheaded action. We are sure that many, under the circumstances, would have run to call for help before attempting the resuscitation work. It took courage to tackle the job at once and alone as Mr. Case did, yet that was the right thing to do.

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## Three Draftsmen Apprentices Finish Course

THE draftsman course in our apprentice school is the only course credited with graduates since our last report. Dean Rinehart, Blair Bushong and Duncan White are the three young men who received diplomas.

Dean Rinehart

Mr. Rinehart is a Fort Wayne boy and graduated from Fort Wayne Central high school in 1924, enrolling for the draftsman course in May, 1925, in a special class started at that time. He has taken an active part in apprentice activities, basketball and bowling being his favorite sports; however he paid careful attention to his scheduled studies and received with his diploma $75 bonus awarded for doing satisfactory work. Since completing his apprentice training on May 12th he has been working in the Meter Drafting Section, Bldg. 19-5.

Blair Bushong

Mr. Bushong also finished his apprentice course on May 12th and received with his diploma the $75 bonus for doing good work. By birth, Mr. Bushong is a "Buckeye," Crestline, Ohio, being his native city; however, practically all of his school training has been in Fort Wayne. He graduated from Fort Wayne Central high in the class of 1925 and at once started in on the G-E apprentice course. Since receiving his diploma he has been working in the apparatus section, Drafting Dept., Bldg. 19-3.

Duncan White

Mr. White also is a graduate of Fort Wayne Central high school, class of 1924. He was born in Ossian but got all his school training here. He did very good work on the apprentice course and on completing his training on May 19th was awarded, with his diploma, the regular $75 bonus. He is now working in the tool design drafting section, Bldg. 17-4.

Thirteen students have recently enrolled in the Apprentice School, eleven beginning the machinist and tool makers' course, one the electrical tester course and one the draftsman course. The machinist and tool makers are Paul Felger, Fort Wayne Central high school; True Babcock and Harold Wherry, Coesse high school; Gerald Brown, Claypool high school; Donald Lesh, Camden high school; Adam Nicholson, Lafayette high school; Carl Moser, Hartford Center high school; Winton Huffman, Pleasant Lake high school; Kenneth Erwin, Wallace Rice and Russell Simon, graduates of Roanoke high school.

Kenneth French, Lancaster high school, is the new student taking the electrical tester course, and Arthur Blume, also of Lancaster high school, is the draftsman.

FORT WAYNE WORKS NEWS

*Published on the first Friday of each month by the General Electric Co. in the interests of the employees of the Broadway, Winter Street and Decatur Plants.*

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J. E. Hall.......Quarter Century Club

**Vol. 12** **June 8, 1928** **No. 6**

## Safety Paragraphs

### Cross Crossings Courteously

"CROSS crossings cautiously" is the advice of the railroads to those who use automobiles on the highways. "Cross Crossings Courteously" is another way of putting the same idea across.

We've been told often enough that many highway accidents are caused by lack of courtesy. Hogging the center of the road, taking the right of way when it belongs to the other fellow, and cutting in and out of orderly traffic are all examples of bad traffic manners.

Isn't the locomotive engineer entitled to consideration and courtesy just as much as a fellow motorist?

Have you ever had your heart almost hit the roof of your mouth when some fellow cut across at an intersection when you had the right of way? If you have, it will give you some idea of how the engineer feels when the pilot of the locomotive just misses the tail feathers of some reckless bird.

The train has the right of way and can back its claim. Of course, the engineer doesn't want to hit anyone but what can he do but toot the whistle and hope that motorists will use discretion?

The laws and customs of the land are for the convenience of the majority. The engineer can't keep monkeying with the brakes like a motorist or even a street car motorman. It costs money to stop a train under normal conditions; it will cost many times as much if the train is stopped quickly enough to damage the rolling stock and shake up the passengers. Showing a little courtesy at grade crossings will not only lessen the wear and tear on the engineer but will also insure you and your car getting across undamaged.

* * *

Leadership is needed in safety work, but fellowship helps a lot, too.

* * *

Always play safe.

* * *

Every day is just another night to a blind man.

* * *

Rome was not built in a day. Neither is safety acquired through one good resolution. Keep everlastingly at it. We must make this our motto.

* * *

Our number of lost-time accidents jumped from six in March to 12 during the month of April. In reviewing these 12 accidents we find that five were due to injuries to the feet or legs on account of falling objects; one sprained ankle from running down stairs, one foot snagged on a nail, one finger caught on an emery wheel, one infection, one burn, one hernia due to lifting a heavy box, and one hand cut on a piece of sheet iron.

The standing of the various Divisions on May 1st based on the number of lost-time accidents is as follows:

| | |
|---|---|
| Decatur | 1 |
| Rec. & Shipping | 1 |
| Expense | 1 |
| Meter | 2 |
| Tool | 2 |
| Apparatus | 3 |
| Winter St. | 5 |
| Transformer | 7 |
| Gen. Service | 7 |
| Frac. HP. Motor | 12 |

L. C. SWAGER,
*Safety Engineer.*

## Five Join Quarter Century Club

*(Continued from page III)*

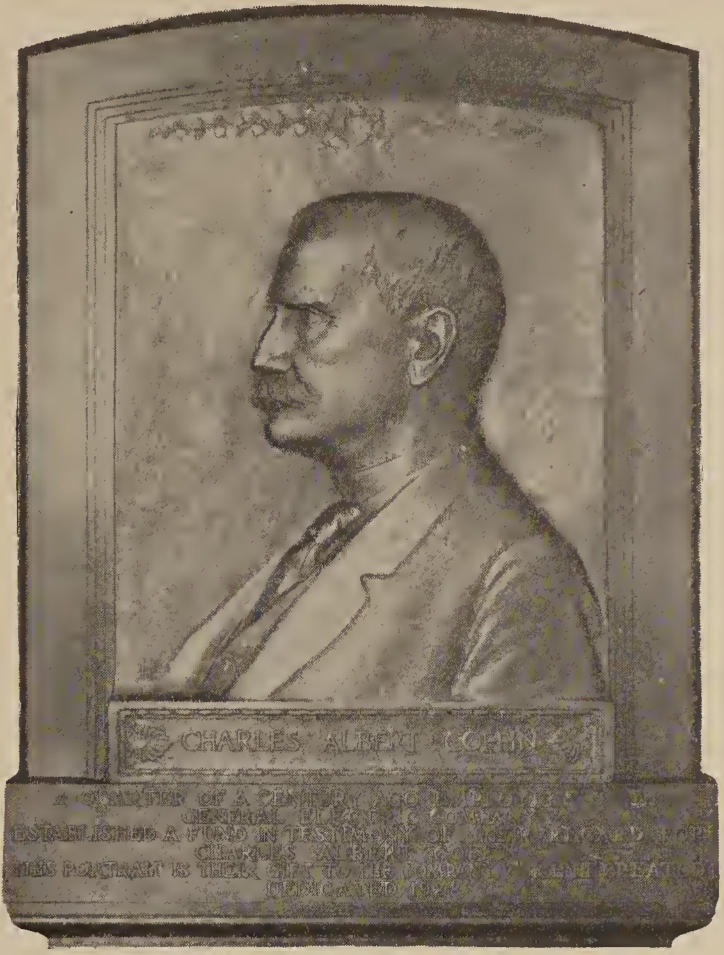
although he later went back to the work in the shop, he stayed long enough to become familiar with the tool coop job. When the old tool keeper, John Wactmiller, died, Mr. Rose took his place. The location of this coop has been changed from Bldg. 2 to Bldg. 17-1 and finally to Bldg. 12-1, but Mr. Rose has moved with it. In its present location the tools are used by the apprentice, the men in the specialists training school, the carpenters and pattern makers from Bldg. 10, and occasionally by machinists in other parts of the plant. It is remarkable the way in which he knows his stock and even the identity of many workmen from their tool check numbers.

Mr. Owen has been associated with watthour meter work in all of the years he has been with the Company. He came to us from the Narragansett Electric Lighting Co., of Providence, by whom he was first employed after his graduation from M.I.T. in 1896. After a time, Mr. Owen was made superintendent of the Meter Dept. of that company, and when he came to the Fort Wayne Works in April, 1903, he had a practical knowledge of the troubles experienced with meters in service. For a year Mr. Owen traveled for our Fort Wayne commercial organization as a meter specialist. His travels took him into northern Michigan, out through the central west, down through the southern states and on to Havana, Cuba. On his return from Cuba he took over the home office work in connection with watthour meter sales. For twelve years he continued, serving in the Supply Dept. under both Mr. Serva and Mr. Behan. When the Fort Wayne Electric Works commercial organizations were discontinued, Mr. Owen was transferred to the local factory organization. Quite soon thereafter he was put in charge of the Standardizing Dept. About three years ago he was asked to take up engineering work on watthour meter manufacturing problems and since then has been a member of the local meter engineering force, Bldg. 19-5.

# Charles Albert Coffin - - - An Appreciation

By E. W. Rice, Jr., *Honorary Chairman of the Board*

THE inscription upon the tablet which has just been unveiled reads: "A quarter of a century ago employees of the General Electric Company established a fund in testimony of their regard for Charles Albert Coffin. This portrait is their gift to the Company which he created."



The Tablet

This inscription will recall to the memory of our older employees that after a beautiful loving cup had been purchased, a small balance of the fund remained which was wisely invested by the treasurer in the stock of our Company, which fortunately greatly increased in value.

They will remember that it was unanimously decided to use this additional sum to obtain an oil portrait of Mr. Coffin, and how, due to his incurable modesty, he never could be persuaded even to see the artist.

It must be a keen satisfaction to those employees that this fund has finally been used to perpetuate an excellent likeness in this enduring bronze portrait by the well known sculptor Henry Hering.

### Extraordinary Modesty

The incident which I have related is worthy of mentioning as significant of the hold upon our affections which Mr. Coffin's personality inspired, and also because it is typical of one of his outstanding characteristics—his extraordinary modesty. This impelled him to shrink from publicity and to hide as much as possible of his personal activities—especially those acts of mercy and helpfulness in which he so delighted to engage.

The world knew little of his manifold charities. His intimate friends who saw what he could not hide could only glimpse a part of the picture. In an unguarded moment he once acknowledged to an intimate friend that for several years he had thus spent not only all of his income, but had encroached upon his capital.

Even the recipients of his generous but discriminating bounty were not always permitted to understand the full value of his assistance, which was frequently made under the guise of an investment. Many a widow or dependent of a friend or employee would find a meager estate, which he had volunteered to manage, swell to generous proportions, only to be informed that it was entirely due to his good fortune in having made a lucky investment.

*On May 8th, the thousands of G-E employees of the Schenectady Works met to honor Charles Albert Coffin, founder of our Company, when a bronze tablet was unveiled in his memory. Owen D. Young, chairman of the Board, presided, and the tablet was unveiled by Miss Alice Coffin, one of Mr. Coffin's daughters. President Swope, the Board of Directors, Prof. Elihu Thomson, and many other men prominent in our Company, were present at the ceremony of dedication. Mr. Rice, who was intimately associated with Mr. Coffin for years and succeeded him as president of our Company, was the principal speaker; and his address, which admirably characterizes Mr. Coffin, is here printed in full.*

### Aid in War Work

He hated strife and loathed war, but when the great war came no man gave more freely of his talents and money to relieve human distress and misfortune. He was the vital spirit and moving force back of many important organized instruments of helpfulness, but when urged to take official leadership, he modestly but firmly declined and pushed others foward.

Some day, in justice to his memory, we hope that the veil may be lifted and the facts recorded so that all may learn what quality of service this modest man actually rendered during that terrible crisis.

This ingrained modesty, while as natural as the breath he drew, was never confused in the minds of his friends with timidity or with the possession of any resemblance to an inferiority complex. It was not due to any lack of faith in himself, for on the contrary he had always the courage of his convictions, and fearlessly led where others feared to go. He pushed his views with vigor and perseverance. He kept his eye on the ultimate goal and no one ever had a keener appreciation of the value of united effort. This may have emphasized his natural instinct to keep himself in the background if by so doing he could more effectively inspire others with his ideas.

### Had Unlimited Courage

His magnificent courage and confidence in his own views were amply illustrated on many occasions by the liberal use of his personal credit to assist enterprises with which he was associated, even against the advice of friends.

He never asked others for assistance in any enterprise unless he had faith in it himself and was willing to risk his own money.

Hand in hand with his modest traits went a constant thoughtfulness and consideration for his associates. He was not only willing that others should share with him the joy of achievement, but he constantly belittled his own efforts and magnified those of his assistants. The all important matter to him was to get the job done, and then to start another one.

I have emphasized his modesty and his extreme thoughtfulness for others because, while such qualities are often attributes of great men, Mr. Coffin, who was the embodiment of energy and forcefulness, possessed a kind of modesty which seemed almost abnormal, and consideration for others' welfare was ever uppermost in his thought and guided all his actions.

### Was Easy to Approach

These qualities made an indelible impression upon our minds and hearts. They endeared him to us and added to our devotion. They made him easy to approach—they increased our desire to help him and made it possible for him to draw upon the rich stores of knowledge and experience which are frequently found in unexpected places. His mind was ever active, alert, receptive and ready to take advantage of the opportunity when it arose.

No wonder that the organization which he created was such a phenomenal success and was animated by such intense loyalty to their leader and to the Company that under the stimulus of his example and encouragement men surprised themselves by their own efforts, and mediocre men performed miracles.

Not only did his personality command respect and win affection, but, in addition, his methods insured success. It was his habit to actively seek the opinion and advice of his associates and employees. He made himself acquainted with every pertinent fact. His mind was ever open and sensitive to new ideas. He even discussed his own plans while they were in the making, and it is needless to say that his confidence was not abused but returned a hundred fold. His ideals inspired his followers, his plans became their plans and they were followed with fidelity and executed with an intelligence and enthusiasm which was invincible. My mind is unable to conceive of a more perfect example of the ideal relations which should exist between a leader and his followers.

The unique landmarks of our present time are the huge electric work-shops, scientific laboratories, power houses, transmission lines and the lamps, motors and myriads of useful, beautiful objects vitalized by the electric stream. These all remind us, day and night, of his clear vision and creative genius.

We are deeply sensible to the fact that no words of ours can add to his honor or fame, and his friends like best the thought that the finest gift which he bequeathed is to be found in the spirit and ideals which he exemplified in his life.

Pasteur, the great French scientist and world benefactor, once said: "Blessed is he who carries within himself an ideal, and who obeys it; ideal of science, ideal of art, ideal of gospel. Therein lie the springs of great thoughts and great actions, they all reflect light from the Infinite."

Our departed leader was an illustrious example of such a man.

## Patents Granted

PATENTS have been granted in the names of the following employees of the General Electric Company since the last issue of the WORKS NEWS:

*Schenectady:* Hugh A. McCrea, control of electric circuits; John F. Tritle, electric switches; Leonid A. Umansky automatic controllers; James M. Weed, induction furnaces; Fred. H. Winter, supervisory control systems; Alexander P. Wood, stator construction for dynamo-electric machines; Hermann G. Hartmann, electric switches; Charles A. Hoxie, phonograph records; Raymond B. Prindle, control electrodes for space-current devices; Camille A. Sabbah, vapor-electric-arc apparatus; Oliver C. Traver, protective arrangements; Leonid A. Umansky, speed regulation of synchronous motors; Ernst F. W. Alexanderson and Samuel P. Nixdorff, control systems; Walter R. G. Baker, protective relays; Benjamin S. Weinfield, systems of electric distribution; Herman Bany, systems of electric distribution; Harold T. Seeley, systems of electric distribution; William P. Dryer, emergency-governor mechanism for prime movers; Verni J. Chapman (3), automatic arc welding, apparatus for fusion welding, welding machines; Campbell Macmillan, power systems; Ernst F. W. Alexanderson, electric motors; Samuel P. Nixdorff, frequency changers.

*Fort Wayne:* Paul O. Noble, automatic arc welding machines; Newton T. Kelso, molded commutators; Clark Orr, refrigerating machines; Chester I. Hall, self-starting synchronous motors; Charles A. Schild, electrical connectors; Elmer J. Zelt, terminal block for current transformers.

*Lynn:* Donald F. Warner, governing mechanism for elastic-fluid turbines; William Irby, electrodes; Harold L. Watson (2), filter plates, cellular silica products and methods of fabrication; Almon J. Corson and Stephen C. Hoare, electrical measuring instruments; Harold B. Rex, adjustable magnet devices.

*Pittsfield:* Charles C. Abbott (2), soldering irons, electric heaters; Edwin L. B. Bliss, valve structures; Edward D. Treanor, indicating devices for electrical apparatus; Locke H. Burnham, pressure-relief pipes for electrical-apparatus casings.

*Erie:* Irving R. Valentine, bearing alloys; Frank E. Case, contact fingers; Geroge H. Jump, slip-regulator control.

*Bridgeport:* Frank C. DeReamer, combined switches and plug receptacles; George R. Brown, electric fuses.

*Harrison:* Louis A Maurer, exhaust-tube removers.

**GIANT AND PIGMY**

Miss Gretchen Orge is holding the Mutt and Jeff of G-E incandescent lamps, which were exhibited at the convention of purchasing agents held recently in Los Angeles. The large one is a 30,000-watt aviation field lamp. The tiny lamp is used in surgical work.

# High Spots of the New Pension Plan

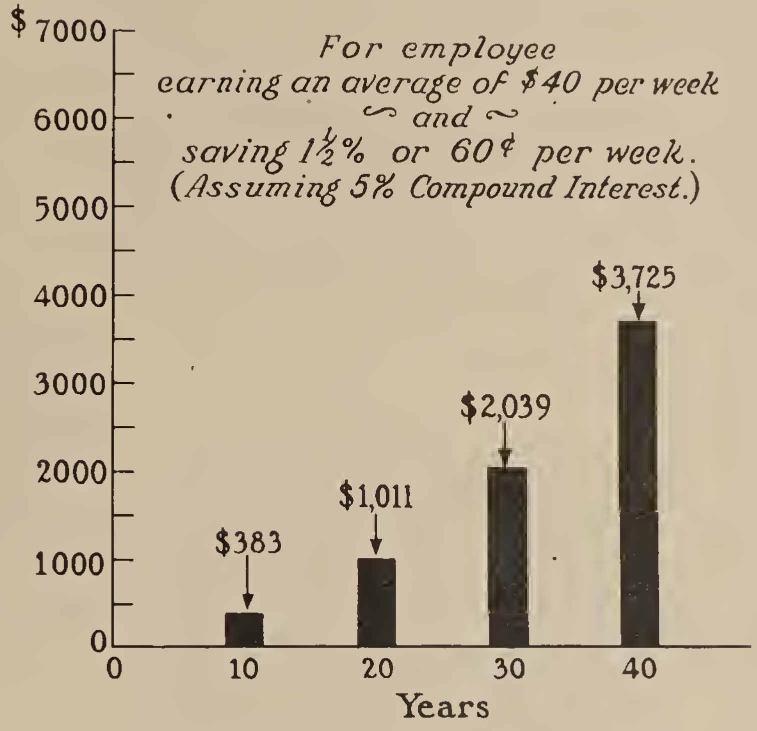
By C. M. Ripley

1. It goes into effect July 1, 1928.
2. The Company established a trust which bought $5,000,000 worth of Liberty Bonds to make payments of Company pensions absolutely secure.
3. *Men* who want to can quit work at 65 and get a pension.
4. On December 31, 1927, there were 607 employees on the pension list. Their *average* monthly pension was $56.87. All employees can considerably increase their income after retiring by saving 1½ per cent of earnings.
5. This money will be taken out of 5 per cent supplementary compensation (half of present G-E employees have 5 years' service or more).
6. Or, if you have not worked five years, it comes out of your pay envelope, until you are a five-year employee.
7. This money will be put in a trust fund.
8. It will be invested by G-E financial experts.
9. Your money will earn compound interest for you.
10. If you quit the Company any time, you get it all back—right away—principal and compound interest besides.
11. The increase in pension for young employees will be greater than for the old, because it takes time for compound interest to work its miracles.
12. Thousands of new employees will get from the combined saving plan and Company pension 50 per cent more than under the old plan.
13. Hundreds of old employees will find their total pensions will be equal to half their wages.
14. Hundreds of young employees will find their total pensions will equal their wages.
15. Roughly speaking, for men under 35, the new plan will provide larger income upon retirement at age of 65 than the old plan provided at 70.

### What the New Plan *Does* Do

It permits men to retire at 65 if they want to.

It gives you a new and larger income after you have retired.



How your savings will grow under the new Additional Pension Plan

It allows democratic participation on a self-respecting basis.

It puts a very small percentage of your earnings in a new savings trust fund.

It puts compound interest to work for you.

The younger you are the longer it will work for you.

The pension takes care of *you*, whereas insurance takes care of *yours*.

A bigger pension takes better care of *you* just as a bigger insurance takes better care of *yours*. No matter when you quit, or retire, or die—you or yours get back more money than you have paid in. The pension proper will be paid you every month; while the trust fund which you created may be paid you in one of four different ways. (See paragraph 34 of booklet recently distributed).

> *The new pension plan, announced originally in the January 6th issue, goes into effect on July 1st. Mr. Ripley's article explains just what the plan means for you.*

You have your choice to retire at 65, 66, 67, 68, 69 or 70.

On the old plan, a man quitting between 65 and 69 would not be entitled to any pension unless physically or mentally down and out.

### What It Does Not Do

It does not take anything out of your pay envelope if you have worked five years or longer for the Company.

It does not make you take any risk of loss.

It does not make it necessary for you to die in order to win. If you want to figure your pension for different earnings and for different lengths of service, and for different periods of accumulation, see the table on page 9 in the booklet on the pension plan which was distributed to every employee just a few days ago. This is based on the assumption that the trust fund will earn 5 per cent.

* * *

All employees with 5 years or more of service are expected to join the new plan, except those over 45 years old.

I am 48 years old and will sign up because:

1. I have my choice, between 65 and 69, of keeping on or retiring.
2. I don't know what I'll feel like doing *at that time*.
3. It gives me a lee-way that costs nothing.
4. It adds to my investment.
5. It takes away from my present income little more than cigarette money.

Suppose I did *not* sign up, but stayed under the old pension plan. Then if I quit work between 65 and 69 years of age, I'd *not get a cent* of pension—unless totally disabled.

# G-E Snapshots from Near and Far

Partially built Democratic Convention Hall in Houston, Texas, which will seat 25,000. G-E floodlights will furnish illumination

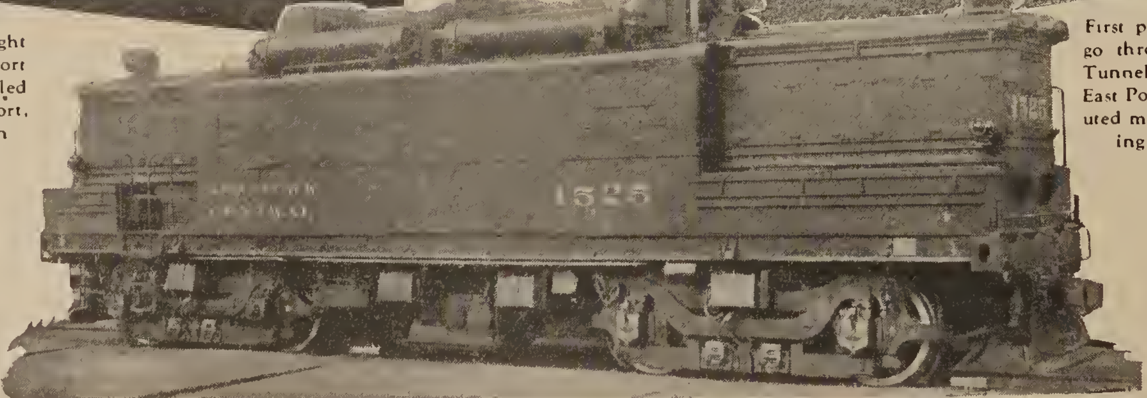
Two employees of the New York G-E Refrigerator distributor put one of the large machines to a new use

This huge new swimming pool at Edgewater Park, Florida, is lighted for night swimming by G-E Novalux units

President Swope (center) and Director Melvin A. Traylor (right) were snapped in a Schenectady shop recently talking to Max Oberist, machinist

They help to make night flying safer. G-E airport lighting units, installed at the Pennco airport, Madison, Wisconsin

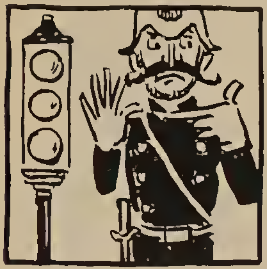
First passenger train to go through the Moffat Tunnel, entering the East Portal. G-E contributed much to the building of the tunnel



Another step in the right direction! A huge storage-battery, oil-electric locomotive with trolley, built for the New York Central

# *Around the World with General Electric*

### Brazil

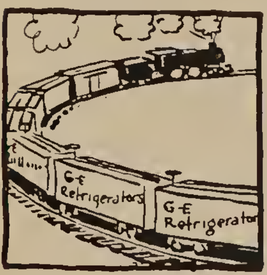


Red—*Pare!* Green—*Avante!* The words may not mean much to the average American, but the colors certainly do. Whether the traffic signals are in Japan, England, Brazil, or the United States, the meaning of the colors is the same; for the color language of traffic is universal. Rio de Janeiro has just installed an automatic traffic signal system on one of its principal streets. So if you ever happen to drift down that way in the old bus, you'll have no trouble with the traffic system in spite of the fact that everyone, including the traffic cop, is speaking Portuguese. G-E traffic lights, of course.

### Russia

Soon a battery of eight G-E arc-welding outfits will be hard at work in the Russian oil fields. These eight arc-welding units have been mounted on modified Fordson tractors, the entire job having been done by the Detroit G-E Service Shop. These portable units will be used in welding an enormous pipe line for the transportation of oil, which will run from the Grosney oil fields approximately 300 miles toward the Black Sea.

### New York



What is believed to be the largest single order received by any electric refrigerator manufacturer was recently placed with our Electric Refrigeration Dept. by the Electric Supply and Equipment Company, of Albany, N. Y. The order called for 1540 G-E refrigerators of various types, for immediate delivery. It represented the equivalent of a 50-carload train. It must have been an awfully cold train!

### California

A mammoth electric tramway, the largest in this country, is to be built high in the air across the canyon at Camino, California. The distance between the two ends will be over half a mile. The tram will be carried across the canyon on four steel cables each of them two inches thick. Thirty-two wheels will be required. It will be used chiefly for transporting heavy loads of lumber, but can also be used for passenger service if the need arises. Electrical equipment for the installation will all bear the G-E monogram.

### Colombia

Whether it be the modern young lady with powder and lipstick, or the modern city engineer bent on improving the appearance of his city, everyone seems anxious at all times to improve the handiwork of nature. Recently the city of Bogota, in the South American republic of Colombia, decided to go nature one better in the matter of illuminating fountains by night. Four electric fountains will be installed in various parts of the city, each to be equipped with 28 projectors to give color to the water as it leaps gracefully into the air. A special feature of this installation will be a centralized pumping unit which will maintain constant water pressure for all four fountains. International General Electric furnished this installation.

### France

Americans are always rather startled to see the gas street lights in Paris. These lights stand out strongly in contrast to the White Ways, the scientifically refracted lights, the rippled glass globes, and the ornamental poles, of our American street lighting systems. The street lights of Paris are lighted partly by gas and partly by electricity. The Paris city fathers have recently decided to relight some of their streets with electricity. This necessitates very special lights, because it is a Parisian custom to dim the street lights after a certain hour; and double filament lamps are necessary for this purpose. Our associated French Lamp Company is supplying these.

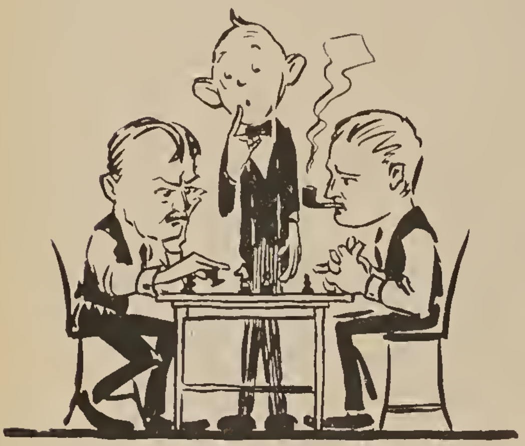
### Australia

Down in Adelaide, Australia (where they still have breweries), there is a brewery which has a cooling tank 20 by 40 feet and a few inches in depth. But the beer didn't cool fast enough to suit the brewers; so some genius employed by the Australian General Electric Company hit upon the idea of mounting two large fans above the tank. The fans were mounted thus, and the beer in the tank cooled so rapidly that the experiment was pronounced a complete success. Two more large G-E fans sold!

### Missouri

When the Republican National convention gathers in Kansas City this month a spectacular jeweled sunburst, depicting a huge American eagle, the emblem of the Republican party, will beam forth its welcome to the visiting delegates. This sunburst, 19 feet in diameter, is covered with 7500 G-E Novagem jewels, each about two inches in diameter and cut in the shape of a diamond. These jewels, so mounted that they will vibrate with the slightest breeze, will produce a dazzling effect in the sunlight by day and an effect quite as lovely when two batteries of powerful G-E searchlights are turned on them at night.

# What We're Thinking About



## Know the Game

FOR ten years two chess players met each noon, took up their positions silently, silently played their game, and silently departed. For ten years a third man stood by and silently looked on.

One day, one of the players failed to show up—for the first time in ten years! After waiting a few minutes, his partners said to the onlooker: "I guess he isn't coming today. Will you play his men?"

"Sorry," was the answer, "but I don't know the game."

He had followed every move for ten years, but he didn't know the game.

In his work the man was probably the same. In an office—at a bench—in a store—wherever it was that he worked—he had probably remained entirely ignorant of his neighbor's job, and of his own place in the larger scheme of things. When the opportunity for advancement came, he probably had to say, "Sorry but I don't know the game."

The pity of it is that this man is not unusual. He may be an aggravated case, but lots of us have the same tendency. All too easily do we go on our way, forgetting that our work, whatever it is, is after all a part of a much larger job; and forgetting that our own job cannot really be done well unless we know what the next step is.

It's a good idea to cultivate a wide-awake attitude, to see what is going on around you, to find out what your work's all about. It's a good idea, too, to keep constantly in mind the matter of improvement. Could your work be improved if some operation were changed slightly? Do you know how your job could be made more efficient by the elimination of some unimportant step? Keep an eye peeled—and remember the Suggestion System—and "*Know the Game!*"

## How It Works Out

SOME time ago an electrical engineer who formerly used a lot of General Electric material got into conversation with a G-E employee. The G-E employee, without thinking, said General Electric equipment was no good. He said it flippantly and half in jest, without really meaning it. But the electrical engineer did not forget. When they parted, the electrical engineer carried with him a definite prejudice against our Company. And the next time he had need for some electrcial apparatus, General Electric did not get the order.

We all know that General Electric equipment is not rotten. On the contrary General Electric has built up its reputation, and has become the largest electrical manufacturer in the world, simply because of the high quality of the goods it manufactures. General Electric has never been a cut-price organization. Other manufacturers make many of the things we make and sell them more cheaply than ours. Yet in spite of it our business has continued to grow, because our customers know that G-E builds more quality into the things it makes.

It is doubtful whether the G-E employee in question would have talked the way he did, if he had thought about the effect it would have. The fact is, *he was injuring himself, his fellow workers and the Company* all at one time. With a few brief sentences he killed for the electrical engineer all the good work of G-E advertising, all the work of G-E salesmen, and all the good will which G-E equipment in successful operation had been building up all over the world.

That man lost a G-E customer for the sake of a flippant remark. In so doing, he cut down the work in the shop.

General Electric employs in the neighborhood of 73,000 men and women. What would happen if they all went out at one time and told their friends General Electric equipment is no good? The answer is easy. The Company would lose thousands upon thousands of dollars' worth of business, and the shops would be forced to close down one after another, for lack of work. This it would have to do in spite of the high quality of our products, and simply because the employees did not have faith in the things they help to make.

That is the bad side of the picture. Here is the good side.

A G-E man recently became acquainted with a factory manager in New Jersey. Being a loyal G-E man he got to talking about the high quality of the equipment which bears the G-E monogram. He told the factory manager how G-E equipment could help him to cut costs and improve the output of his factory. The indirect result of this friendly boosting was a $75,000 order.

We can't all go out and get $75,000 orders. And no one expects us to, because that is the job of the Commercial Dept. But there is one thing we *can* do. We can boost General Electric equipment among our friends. Every little boost helps to make good will. And every bit of good will helps eventually to bring us more business. And every added bit of business brings more work into the shops.

# Engineer, Inventor and Executive

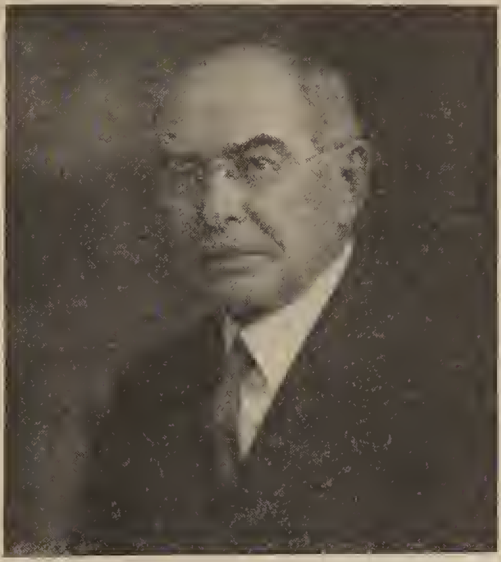
WHEN Professor Elihu Thomson, founder of the Thomson-Houston Electric Company, which was later merged into General Electric, decided in 1880 to relinquish his place on the faculty of the Boys' Central high school in Philadelphia in order to enter the uncertain field of electrical manufacturing, the situation thereby created presented a dilemma to one of his pupils.

This young man had long felt a keen admiration for Professor Thomson's originality and pioneer investigations with the electrical dynamo. He had frequently stayed after school to discuss electricity with the professor. He had assisted him in certain of his experiments. And now, just as he was completing his course, Professor Thomson was leaving Philadelphia. There was a chance to go along as his assistant if the young man so desired. But it would mean giving up college.

"I don't want to advise you to come with me, Rice, if you are eager for a college training," the professor declared, with a smile in his kindly eyes. "But if you do want to join me, I shall be glad to have you, and I am perfectly convinced that there is a wonderful future in the electrical business."

The young man's decision, after a night of reflection, was to go with Professor Thomson; and a few days later they both left Philadelphia for New Britain, Conn., where the American Electric Company was in process of organization. In that manner did Edwin W. Rice, Jr., enter upon his notable career as an electrical engineer, eventually to become the chief engineer and later the president of the world's largest electrical manufacturing company.

The story of Mr. Rice's life is already known to many G-E readers. He was born in La Crosse, Wisconsin, moving later to Philadelphia, where he soon came to the attention of Professor Thomson because of his skillful work in making telephone and telegraph instruments, and induction coils and dynamos. Because of this ability he had the freedom of the little shop behind a bakery where the earliest Thomson-Houston arc-light machines were being built. And because of this also, he later became Professor Thomson's assistant.



E. W. Rice, Jr.

When finally the Thomson-Houston Electric Company was formed, in Lynn, Mr. Rice was given charge of manufacturing. Then came the consolidation with the Edison General Electric Company, to form our present Company. Mr. Rice soon became vice president in charge of manufacturing.

From the very first he showed the courage and vision necessary to do great things in engineering and promote technical progress. He was one of the first to sponsor the steam turbine, now used in all parts of the world. He took an active interest in research, encouraging the development of the metallic filament lamp, which is today in every home. That his interest in things scientific had a practical turn is shown by the fact that he holds more than 100 patents in his own name, and also by his foresight in establishing the Company's Research Laboratory.

In 1913 he became president of the Company, succeeding Charles A. Coffin. In this position he revealed most of all his greatness. For great as are his achievements as inventor and engineer, they are still greater as a leader of men. To manage a large and growing business is no easy matter. To direct the work of thousands of men is no simple job. And when one reflects that to him we owe the efficient organization of our factories and departments, his influence on the destinies of our Company may be understood.

It was he who fostered the system of employees representation which is in force in many of our Works, and which has done so much to solve the mutual problems of employees and management. He was, in fact, one of America's first industrial leaders to realize the true importance of the shop workers. And it was with this constantly in mind that he laid the foundations for our Company's industrial policy. It is the spirit which he bequeathed to our Company which has been responsible for such institutions as the pension system, the Employees Securities Corporation, the suggestion system, the insurance plan, the housing plan, and others.

In January, 1923, after forty years of the most active leadership in the electrical industry, during which he had seen it grow from an infant to an industry of gigantic proportions, Mr. Rice became honorary chairman of the Board of Directors. Thus, those who actively direct the Company today still have the benefit of his mature experience and judgment.

## Let's Have More Frosting!

TWO boys in the Erie Works Apprentice Dept. have proved beyond doubt by experiment that a youthful trait long observed by mothers is no superficial thing but is a deep-seated inherited tendency: Albert Butler was the object of the experiment and Merle Thompson, the experimenter. Butler came to his room the other night dead tired, and immediately went to sleep. While he slept Thompson fed him some layer cake which he happened to have. The sleeping lad munched contentedly on the pieces of frosting but when just cake was fed him he would spit it out.

This seems to prove that the preference for frosting is subconscious, and beyond the control of any boy.

# Dependable Service

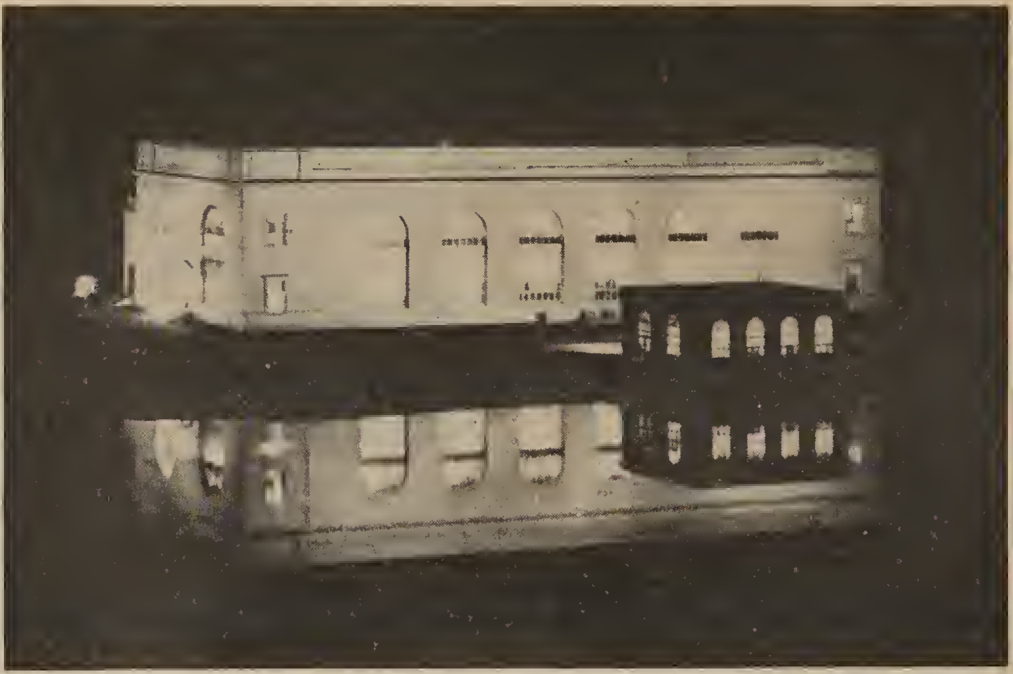
## *Mohawk-Hudson System Supplies It to a Large Area*

IN the state of New York there is a territory of some 8000 square miles, lying between Lake Champlain on the north and the city of Hudson on the south, and between the New England state lines on the east and the city of Syracuse on the west, which is one of the country's most important industrial regions. This large inland empire has a population of about 1,500,000 people—people who are used to the comforts and luxuries which modern civilization offers. To serve this large number efficiently with electricity and gas, and to meet its increasing demands, has been a large task.

Several companies were formed in various parts of this territory for the purpose of supplying the electricity and gas. But their facilities were hardly able to keep up with the expanding demand. Additions were built and still the demand grew. Efforts overlapped, and confusion in the situation was threatened. In order to simplify matters, and to make sure of adequate service for the entire region, the Mohawk Hudson Power Corporation was formed in 1925. This corporation is a holding company having control over most of the electric companies in this section.

The operating companies controlled by it are the New York Power and Light Corporation, the Syracuse Lighting Company, Inc., the Utica Gas and Electric Company, Eastern New York Utilities Corporation and Schodack Light and Power Corporation. Of these, New York Power and Light Corporation is the largest, being itself the result of the merging of several smaller operating companies.

Thanks to the formation of the Mohawk Hudson Corporation, the entire electrical system of the region has been welded into a single unit of power production and distribution, and in addition the system has been connected with other large sources of power. On the north the tie-in is with Northern New York Utilities, Inc., which was described some time ago in this magazine; on the west with the Buffalo, Niagara and Eastern system; on the east with New England Power Company, and on the south with Central Hudson Gas and Electric Corporation and New York State Gas and Electric Corporation. By means of these connections a real "superpower system" is obtained.



IT SYMBOLIZES MODERN ELECTRIC SERVICE

The Amsterdam Power Station, illuminated by G-E floodlights, symbolizes to everyone who sees it the importance of electricity in this Electrical Age

The largest water power plant in the system is the School street station at Cohoes, which is located at the point where the Mohawk river meets the Hudson river. This plant has a capacity of 54,000 horsepower. Other large hydro-electric plants are the Spier Falls station, 44,800 horsepower; the Trenton Falls station, 38,400 horsepower; and the Beardslee Falls station, 30,000 horsepower. Chief among the steam generations is that at Amsterdam, with an installed capacity of 80,000 hp., which can be increased to 300,000 hp. This station, which is floodlighted by General Electric lights, is architecturally one of the most beautiful power stations in the world.

Among the cities which are served by this system are Schenectady, where the G-E main office and Schenectady Works are located; Albany, the state capital; Troy, renowned for its collars; Syracuse, a large and growing industrial community; Gloversville, where a large proportion of the world's gloves is made; Rensselaer, a large center for the manufacture of chemicals; Watervliet, Utica, Johnstown, Oneida, Little Falls, Hudson and Glens Falls. The total number of communities served is over 200, and in addition, power is supplied to all of the street railways and interurban lines in the territories east of Syracuse.

A still better idea of the importance of the district served by Mohawk Hudson may be gained by listing the principal products manufactured in it. These include electrical equipment, steam locomotives, paper, steel, furniture, bricks, textiles, collars and shirts, hardware, typewriters, gloves and leather goods, cement, firearms, and chemicals. In addition, the lumbering activities of the Adirondack mountains are served, and several types of mines.

It is plain from this that the district is truly a great industrial region. But there is plenty of room for further expansion. And as this growth comes, the Mohawk Hudson system, both from its present sources of power and from the additional sources available, will be able to supply in ample quantities that basic essential of industrial progress, reliable electric power.

The G-E Employees Securities Corporation holds securities in this progressive and expanding corporation.

## H. C. McEldowney Elected A Director

HENRY C. McEldowney, president of the Union Trust Company of Pittsburgh, was elected a member of the Board of Directors of our Company at the annual meeting of the stockholders held in Schenectady on May 8th.

Mr. McEldowney was born in Pittsburgh, March 10, 1869, and was educated at the Central high school in that city, from which he was graduated in 1887.

In September, 1887, he began his banking career as a messenger at the Pittsburgh National Bank of Commerce. He won promotion through his industry and ability, and became a teller, and eventually assistant cashier. He became president of the Union Trust Company in 1900. At that time Mr. McEldowney was 31 years old, and the Union Trust Company was but 11 years old. Its capital then was $500,000, its surplus and undivided profits $800,168, its deposits $3,842,691, and its total resources $5,190,485. The growth since is best shown by the statement of March 12th. The capital then was $1,500,000, surplus, profit and reserves $59,728,530.22, deposits $134,250,674, and total resources $195,632,329. Trusts totaled $295,288,257, corporate trusts $686,731,500, and the company was transfer agent for securities having a par value of $1,495,517,902.

In addition, Mr. McEldowney is a director of a number of banks and trust companies, railroads, and other corporations.

## WGY Becomes Pioneer Television Station

WGY, the Schenectady broadcasting station of our Company, has inaugurated a regular schedule of television broadcasting. On three afternoons each week—Tuesday, Thursday and Friday, from 1:30 until 2 o'clock eastern daylight time—television programs are being broadcast overthe regular wave of WGY, 379.5 meters or 790 kilocycles. The service was started Friday afternoon, May 11th.

In starting this service on a regular schedule, WGY became the pioneer television broadcasting station of the world.

M. P. Rice, manager of broadcasting for our Company, in announcing this new service, said:

"Dr. E. F. W. Alexanderson, consulting engineer of the General Electric Company and of the Radio Corporation of America, has been engaged for some time in the development of a system of television, transmission and reception. He and other investigators have made important progress in the development of the art, but there still remains much to be accomplished before it has advanced to a state comparable with radio broadcasting.

"WGY is including brief periods of television broadcasting in its program schedule, primarily to enable Dr. Alexanderson and his assistants to pursue their investigations, because nothing is so essential to progress as actual experience. At the same time, the television broadcasting offers the amateur, provided with such receivers as he may design or acquire, an opportunity to pick up the signals and carry on independent investigations. Letters commenting on our experimental television broadcasts during the past few months have convinced us that interest in this subject warrants the adoption of a regular schedule.

"For the benefit of those who wish to experiment with television reception, I may say that our picture consists of 24 scanning lines repeated 20 times per second.

"Television radio signals, when made audible by the ordinary radio receiver, produce a high pitched note intermittently interrupted as the subject transmitted moves about before the eye of the television transmitter."

While no definite statement has been made, it is understood that the range of television reception is the same as that of broadcasting, and is subject to the same variations.

ARE YOU PLANNING TO GO?

Many G-E girls have already signified their intention of spending some time this summer at French Point Camp, the lovely camp maintained exclusively for G-E girls on Lake George. Are you one of them? The expense is $10 a week, exclusive of carfare. If you have never been, talk it over with some old French Pointer; or better still, write to the Industrial Service Dept., General Electric, Schenectady, N. Y. Details will gladly be furnished. But whatever you do, be quick about it, because a record enrollment is anticipated this year.

# Modified Insurance Plan Takes Effect

ON July 1st the modified group life insurance plan, first announced in the January 6th issue of this paper, will go into effect. The purpose of this modified plan is to make sure that all employees will provide against the uncertainty of life and the certainty of death by means of insurance. The insurance plan has been modified as follows:

### All Must Participate

1. Participation in the additional group life insurance plan is a mutual condition of employment for all men employees who have completed five years of continuous service, and for all men employees hereafter completing five years of continuous service, *except* those who, on July 1st, have been in the employ of the Company for at least five years and have then arrived at the age of 46. The employees in this excepted group are urged to participate voluntarily.

### Pay Envelope Does Not Suffer

2. The premiums for all employees taking insurance who have completed five years of continuous service will be deducted semi-annually in advance from the 5 per cent supplementary compensation.

### Monthly Payments for Short-time Employees

3. In the case of employees who have been in the service one year, but less than five years (who are also urged to take out the additional insurance) premiums will be deducted monthly in advance.

The chief modification in the insurance plan, which makes participation a mutual condition of employment, was made because it was found that *a few certain percentage of G-E employees, under the old scheme, had no insurance, neither free nor additional.* As a result of this, several families of G-E employees were left in serious need at the death of the breadwinner. It is hardly necessary to point out that the G-E insurance plan offers insurance at a rate comparing favorably with the cheapest commercial policy. Nor is it necessary to point out the tremendous importance of having insurance of some kind. The following list of G-E employees who died during the last period is proof enough of its value.

### Death Claims Paid During Last Period

| Years | Date of Death | Employee | Age | Beneficiary | Free Ins. | Add'l Ins. |
|---|---|---|---|---|---|---|
| *Schenectady Works* | | | | | | |
| | 1927 | | | | | |
| 9 | Dec. 22 | Edgar A. Werner | 45 | Son | Yes | Yes |
| | 1928 | | | | | |
| 21 | Mar. 5 | Magloire E. Pratt | 64 | Children | Yes | Yes |
| 10 | Mar. 27 | Orville S. Wagner | 57 | Wife | Yes | Yes |
| 30 | Apr. 1 | Charles F. Adams | 55 | Wife | Yes | Yes |
| 2 | Apr. 3 | William N. Senecal | 45 | Wife | Yes | Yes |
| 25 | Apr. 4 | Andrew Kernaghan | 51 | Wife | Yes | Yes |
| 22 | Apr. 11 | C. Edward Swanker | 60 | Wife | Yes | Yes |
| 33 | Apr. 14 | William Marks | 46 | Wife | Yes | Yes |
| 20 | Apr. 19 | Henry Brooker | 65 | Wife | Yes | Yes |
| 25 | Apr. 19 | John O'Rourke | 64 | Wife | Yes | Yes |
| 29 | Apr. 21 | David M. Van Eps | 59 | Wife | Yes | Yes |
| 18 | Apr. 22 | Alexander Campbell | 67 | Wife | Yes | Yes |
| 39 | Apr. 23 | Cornelius Collins | 62 | .... | No | Yes |
| *River Works* | | | | | | |
| 16 | Mar. 25 | Frank M. Cleveland | 35 | Wife | Yes | Yes |
| 18 | Apr. 7 | Wm. H. Semons | 60 | Wife | Yes | Yes |
| 19 | Apr. 10 | Harold H. Twitchell | 48 | Wife | Yes | Yes |
| *Pittsfield Works* | | | | | | |
| 15 | Apr. 4 | Sam Mosky | 43 | Wife | Yes | No |
| 7 | Apr. 15 | Patrick H. Shields | 55 | Wife | Yes | Yes |
| *Erie Works* | | | | | | |
| 8 | Mar. 18 | Arthur Pinder | 70 | Wife | Yes | Yes |
| 10 | Mar. 24 | Clyde C. Bird | 39 | Wife | Yes | Yes |
| 11 | Apr. 17 | James Hague | 75 | Wife | Yes | No |
| *Bloomfield Works* | | | | | | |
| 18 | Apr. 9 | Clark I. Porter | 63 | Wife | Yes | Yes |
| 29 | Apr. 16 | James A. Skinner | 54 | Wife | Yes | Yes |
| *Bridgeport Works* | | | | | | |
| 39 | Mar. 31 | James B. Wicks | 70 | Wife | Yes | Yes |
| *York* | | | | | | |
| 5 | Apr. 15 | Arthur L. Jones | 45 | Wife | Yes | Yes |
| *General and District Office Schenectady* | | | | | | |
| 13 | Mar. 28 | Marcia E. Cannell | 38 | Mother | Yes | Yes |
| *Incandescent Lamp Dept.* | | | | | | |
| 1 | Apr. 15 | Emma Davidson | 22 | Brother | Yes | Yes |
| 14 | Apr. 19 | Ernest Moore | 51 | Wife | Yes | Yes |
| 13 | Apr. 24 | Albert Smith | 71 | Wife | Yes | Yes |

| | Free Insurance | | Additional Insurance | |
|---|---|---|---|---|
| | No. | Amount | No. | Amount |
| Claims paid month of April, 1928 | 28 | $37,631.99 | 26 | $40,000 |
| Previously reported, 1928 | 90 | 100,299.76 | 84 | 139,500 |
| Total claims paid 4 months, 1928 | 118 | $137,931.75 | 110 | $179,500 |
| Total claims paid since Nov. 16, 1925 | | | | $1,890,580.44 |

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# Inter-Works Safety Contest Shows Changes

A GENERAL shake-up in the positions of several of the Works is noted in the April report of the Inter-Works Safety Contest. York still leads the field, having no accidents as yet during the year. The Baltimore record is very commendable, advancing from first place in Division 2 to second place in Division 1. Erie has also moved up to Division 1. The All Plants record has advanced to second place in Division 2.

Below is the rating for April. Improvement is designated by an asterisk (*).

| DIVISION 1 | DIVISION 2 |
|---|---|
| York | Bridgeport |
| Baltimore | ALL PLANTS |
| Fort Wayne* | River Works* |
| Erie* | Pittsfield* |
| West Lynn | Schenectady* |
| Bloomfield* | Oakland |
| Philadelphia* | New Kensington* |

# They Keep an Eye Peeled for "Better Ways"

YOU may never have heard of Richard McKusker, Rodney Knecht, and Thomas McKendrick. But if you haven't heard of them yet, you will some day. They're going to make marks in the world!

These three boys, who are all sixteen years of age or under, work at the Bridgeport Works. And strange as it may seem, they are three of the most enthusiastic rooters for the Suggestion System in the entire Works. They not only believe in the Suggestion System; they actually turn in suggestions. And in many cases they have received cash awards for their ideas.

Richard McKusker, for instance, is a messenger boy. He is about fifteen and a half, having celebrated his birthday in February; and in another week he will have been employed by the Company for an entire year. Although he is not employed in production work, he has already thought up two ways of making factory production more efficient, and both of these suggestions have been accepted.

Richard McKusker

Rodney Knecht is another even more prolific suggester, whose sixteenth birthday was celebrated with considerable pomp by his friends on May 16th, and who first started work with the Company on December 30, 1926. During the past year Rodney has been granted awards on four suggestions, and has received a total of 25 dollars in awards simply for keeping his eyes open and his wits about him. His first suggestion came when he saw "a better way" of arranging the suggestion box itself. The rack holding the slips was not made right. So Rodney scratched his red head, cogitated awhile, and presently came forth with an idea which proved to be worth five dollars to him. Later he saw that the elevator operator lost time and energy in trying to find out if passengers were being left behind. By an ingenious system of mirrors, which Rodney suggested, this condition was eliminated. This was worth another five dollars.

Rodney Knecht

Two months later Rodney saw that by putting hooks on some swinging doors certain dangerous conditions would be eliminated and would be less likely to cause accidents. This brought Rodney a crisp black and yellow ten dollar bill. Still another suggestion to improve a service system later brought him another five dollars. And all this mental activity was carried on in addition to his regular duties and his work as mascot of the Bridgeport Works ball team.

In May there was a third recruit to the Bridgeport Junior Order of Suggestion Artists (whose motto is: "There Is Always a Better Way") in the person of Thomas McKendrick. Thomas has so far made one successful suggestion which concerns an improved way of serving the injured. For this he was given five dollars; and, as he says, it isn't the last suggestion award he is going to get if he can help it.

Thomas McKendrick

It is not to be supposed that these three kids have received awards on every suggestion they have sent in. One of the boys (Rodney, as a matter of fact) sends in a couple of suggestions a week. The fact that they are not all successful makes no difference; he knows that persistence, and the habit of seeking always for "the better way," whether it be something of great importance or something relatively trivial, will in the end bring him his reward. And the chances are that as all three of these boys grow older in the G-E Company, their suggestions will undoubtedly expand to include the larger and more important matters, with consequent increased benefits to themselves, their fellow workers and the Company.

## How the Press Sees Us

### Lightning While You Wait

By H. I. Phillips

HOW are you fixed for lightning? The General Electric Company has perfected a machine which makes it possible to produce, wrap up and deliver 3,600,000 volts of lightning. This is a lot of lightning, much more than the average man can use, but the Company will soon turn it out in any sizes ordered.

* * *

*Lightning to suit any taste is in the offing. The wizards of the electric world are out to bring it within reach of all. In another year or two no lover of good lightning will have any reason to complain that his requirements are unsatisfied.*

* * *

It won't be long now before the General Electric Company and Westinghouse will be co-operating in a special combination offer of a radio cooking outfit, a telephone machine, radio movies and fifty bolts of genuine lightning for a three-years' subscription to the *General Electric Age* and 50 cents in stamps.

* * *

*As most people feel no great desire for more lightning than the average summer season provides, and even then they are moved by no burning passion to do parlor tricks with it, there will have to be a big selling campaign to put it over with the public and create a demand.*

* * *

Lightning will be advertised as just the thing to enliven house parties, exterminate moths, repel insurance agents, drive away bill collectors, cremate landlords, take baby's mind off his new tooth and scare dogs out of home gardens.

* * *

*It will be recommended for removing spots from white frocks, jacking up automobiles, taking down storm-doors and obliterating an annoying guest at a week-end party.*

—*New York Evening Sun*

**THEY'RE HARMLESS**

J. R. Nowell, Contract Service Dept., bagged this pair of husky African lions in something less than two seconds. Fast shooting, we call it!

# Try Lion Hunting for Thrills!

## *J. R. Nowell Says There's Nothing Like It—If You've Got a Strong Heart*

THEY say it is 30 times as safe to work in a G-E plant as it is to fish for a living. If that is true, it must be about a thousand times as safe to work in a G-E plant as it is to do what J. R. Nowell did recently.

Mr. Nowell is employed in the Contract Service Dept., and his job is to go about the world helping to erect General Electric equipment for customers who would like expert assistance. Recently he returned to the United States after a four-year trip around the world, and it was learned that while he had been away he had become an expert big game hunter.

It was in February, 1924, that Mr. Nowell left for South Africa, to supervise the erection of equipment furnished by General Electric for the electrification of a section of South African Railway. On completing this work, he asked for a leave of absence, as he wanted very much to see what kind of sport Africa had to offer. Previously, on a trip to India, he had hunted black buck, leopards and tigers; but he had found all these pretty tame and he wanted to do something exciting.

Most of his leave was spent in East Africa, the greater portion of the time in Kenya, British East Africa. He shot many kinds of game in the course of his stay, including one hippopotamus; but his most exciting experience was a lion hunt.

The method of hunting lions in East Africa is to stake down a freshly killed buck in a clearing. The hunter then retires to a platform which has been built in a nearby tree, and there spends the night, or at least as much of the night as is necessary before a lion shows up. Mr. Nowell did this. But the natives had evidently made a poor job of tying the game. For along in the still small hours he heard a rustling sound in the clearing below. He quickly flashed his light, and found that the lion had worked so quietly that he was at the edge of the jungle.

A quick shot produced nothing but a lot of "hard lion language," and there was no chance for another. So at daybreak Nowell climbed out of his tree and took up the trail through the dew-drenched grass. This led into a section thickly covered with clumps of stiff, strong, straight-stemmed brush, so strong and thick that the trail wound around and between the clumps. In places he had to crawl to get through. He followed slowly and carefully for over an hour, holding his double barreled express rifle at the ready, for a lion watches his trail and will wait, cat fashion, until a hunter is within charging distance and then leap suddenly upon him.

Ahead, Nowell noticed that the trail led between two clumps standing close together. He also noticed a third clump standing just a little behind the opening. He dropped to one knee the better to look through the opening and see what was in store for him.

The lion was waiting behind the third clump.

When Nowell knelt, the lion jumped sideways to clear his hiding place, and charged. He had hardly started when a heavy rifle bullet from Nowell's gun smashed into his chest. Instantly, a second and older lion let out a terrific roar and charged from a hiding place to the left of the opening. Instinctively Nowell swung and fired the second barrel, again landing the bullet in the center of the chest.

He estimates that something like two seconds elapsed between his first sight of the lion and the time he was taking stock to see just how "scairt" he really was. Nothing but a double-barreled rifle would have done the job; a repeater wouldn't have had any owner to carry it home.

The native gun bearer "stuck" during the fray, but took no part in it. Two other natives who had followed to see the fun disappeared like smoke when the lions roared and charged.

Upon completing his holiday, Nowell returned to the seaport town of Mombasa, on the Indian Ocean, where a cablegram was waiting, directing him to go to Japan immediately. He caught a small Japanese tramp steamer and made a six weeks' voyage to Japan with a single stop at Singapore on the Malay Peninsula.

He spent a year in Japan on various installation and repair jobs. His principal work was a large and important installation for the Tokyo Electric Power Company.

Mr. Nowell arrived at the office of the Contract Service Dept., Schenectady, on April 16th. On the 25th, just nine days later, he set forth again bound for the Belgian Congo, West Africa, where he will install some electrical equipment on the Katanga River.

# GIRLS' SECTION

WHEN MOTHERS AND DAUGHTERS GATHERED

This picture was snapped on the evening of May 10th, when approximately 85 mothers and daughters attended the annual Elex Club Mother-Daughter banquet

## Miss Moll Succeeds Miss Whitehead as Investigator

THE position of investigator of occupational conditions for women employees, made vacant by the resignation of Irene Whitehead, has been filled by Esther Moll.

Miss Moll is the daughter of the Reverend and Mrs. W. E. Moll. In June, 1925, she graduated from Indiana University with a BS degree, having specialized in employment management and welfare work. Previously, she did personnel work in the department store of L. S. Ayers and Company, Indianapolis. For the past two and one-half years she has been statistician and stenographer and has had charge of the women's department in the Indianapolis employment bureau, so she comes to us with considerable experience.

While we are glad to welcome Miss Moll, it is with regret that we see Miss Whitehead go. Miss Whitehead is leaving to be married soon to Helge Hoglund, formerly of our Fort Wayne Works and now of the Boston Office. While she has been associated with our Company, Miss Whitehead has made many friends, who wish her much happiness.

Closely allied with the work which Miss Moll is to undertake are the duties of our personnel girls. They help the new girls to get acquainted with their jobs and with those among whom they must work. Moreover, they are ever watchful for any condition that might be unfavorable to the well being of women employees, and they assist in organizing recreational activities of special interest to the girls. Lois Miller's work is with the women of the Fractional Hp. Motor Dept.; Irene Meyer's, Meter Dept.; Marie Bloughs, Radio and Transformer Dept.; Grace Phillips, in addition to her work in the Industrial Service Office, does personnel work among the office girls, and Irene Fox follows up the reason for

*(Continued on page 15)*

## Mother-Daughter Dinner is Greatly Enjoyed

THE mother-daughter dinner, sponsored by the Elex Club and held in Bldg. 16-2 on May 10th, was attended by approximately 85 mothers and daughters. The long tables were lovely with bouquets of roses and narcissus and tall pink tapers for decoration. Each mother's place was marked with a single rose.

The dinner, served at 6:30, was followed by an appropriate program. Lenora Schoppman, president of Elex Club, was toastmaster and gave the address of welcome. Louise Hilger followed with a toast to the mothers and Mrs. Mary Thomas responded. Alma Boerger and Elida Fries sang a vocal duet accompanied by Ruth Riehl. Mrs. C. B. Croxall, wife of Rev. C. B. Croxall, minister of the First M. E. Church of this city, was the principal speaker. Mildred Archbold sang a solo also accompanied by Ruth Riehl. A reading "Samantha Higgins," given by James Majors in costume completed the program. The theme of the whole program was "Mother's Day" and all of the people who took part, with the exception of Mrs. Croxall, are G-E employees.

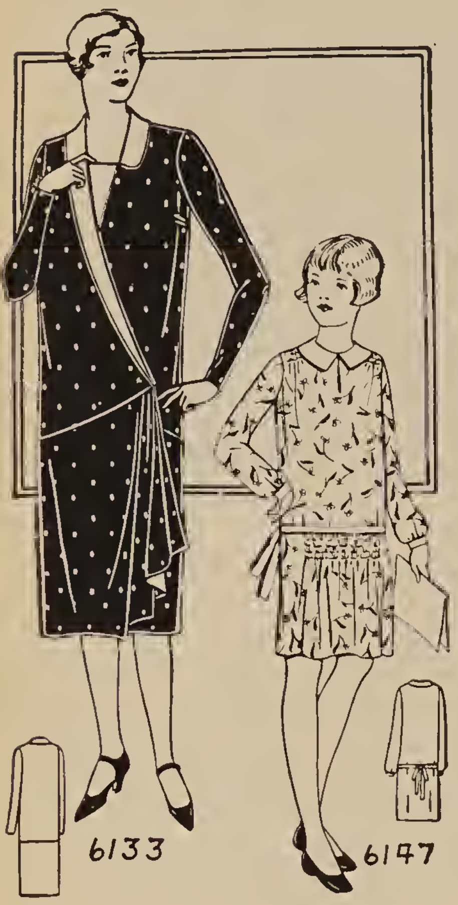
Esther Moll

Irene Whitehead

Mrs. Walter Kent, Elex Club advisor; Mrs. J. S. House, chairman of the Industrial Committee, Y.W.C.A.; Mrs. E. E. Reeve, acting Industrial secretary, Y.W.C.A.; Mrs. E. A. Barnes, Mrs. C. H. Matson, and Mrs. W. J. Hockett were special guests of the Club.

At 2 o'clock in the afternoon preceding the dinner a tour of the plant was conducted by Irene Whitehead assisted by the personnel girls. About 35 mothers went on this tour.

# *Inexpensive Patterns for Home Dressmaker*

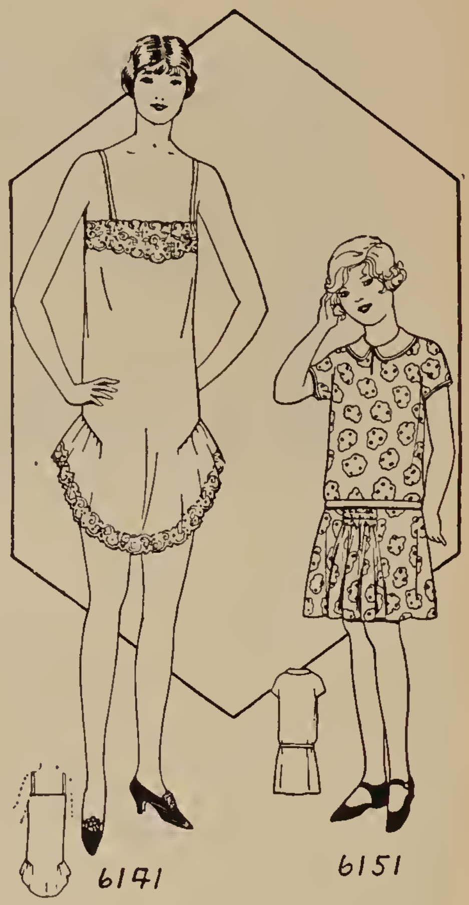

6133 6147

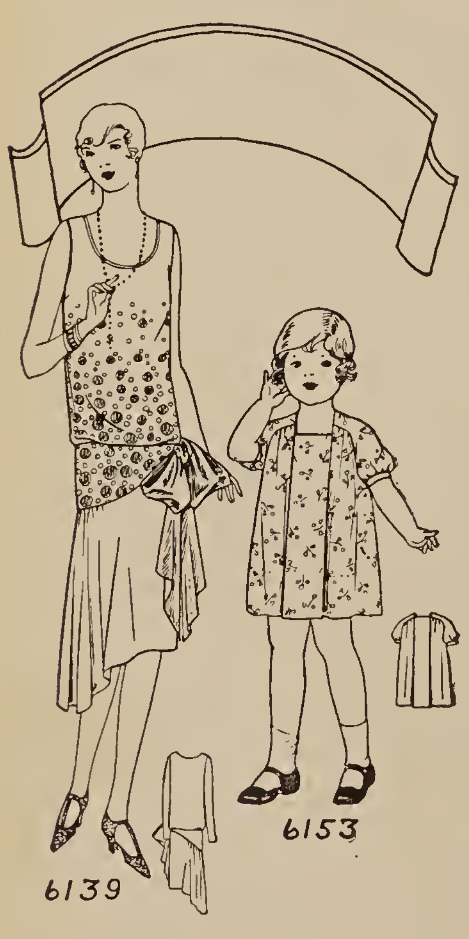
6133. Ladies' dress, cut in 8 sizes: 38, 40, 42, 44, 46, 48, 50 and 52 inches bust measure. A 44-inch size requires 4¾ yards of 35-inch material together with 1⅛ yards of contrasting material for facing on vestee and collar, and under facing on the drapery. The width of the dress at the lower edge is 56 inches.

6147. Girls' dress, cut in 4 sizes: 6, 8, 10 and 12 years. A 10-year size requires 3⅛ yards of 27-inch material, together with ⅜ yard of contrasting material.

6141. Ladies' undergarment, cut in 4 sizes: small, 34-36; medium, 38-40; large, 42-44; extra large, 46-48 inches bust measure. A medium size requires 2¼ yards of 32-inch material. To make the yoke of lace or embroidery requires ¾ yard 6 inches wide, and to trim lower edges as illustrated requires 2½ yards of lace or embroidery 3 inches wide. For shoulder straps of ribbon 1 yard is required.

6151. Girls' dress, cut in 4 sizes: 4, 6, 8, and 10 years. An 8-year size requires 2 yards of 36-inch material together with ¼ yard of contrasting material.


6141 6151

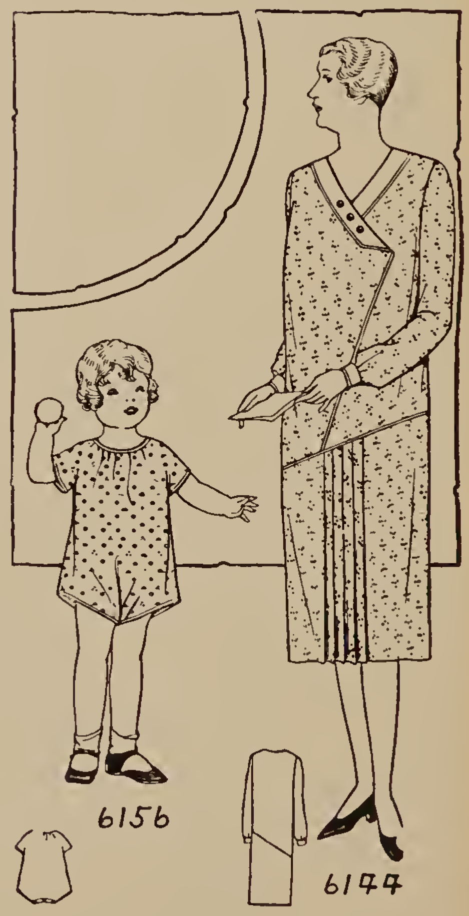

6139 6153

6139. Misses' dress, cut in 3 sizes: 16, 18 and 20 years. An 18-year size requires 1⅜ yards of 39-inch figured material, and 1½ yards of plain material. If made with sleeves 2 yards of the figured material will be required. The underbody requires 1¼ yards of 32-inch lining. The sash bow requires 2⅛ yards of 10-inch ribbon or material. The width of the dress at the lower edge is 2 yards.

6153. Girls' dress, cut in 5 sizes: 1, 2, 3, 4, and 5 years. A 3-year size requires 1¾ yards of material 32 inches wide or wider. For facing on the cuffs ⅛ yard of contrasting material 20 inches wide is required.

6144. Ladies' house dress, cut in 8 sizes: 38, 40, 42, 44, 46, 48, 50 and 52 inches bust measure. A 46-inch size requires 4¾ yards of 36-inch material together with ¼ yard of contrasting material. To finish with bias binding as illustrated will require 3 yards. The width of the dress at the lower edge with plaits extended is 1⅞ yards.

6156. Child's rompers, cut in 3 sizes: 6 months, 1 and 2 years. A 2-year size requires 1¼ yards of material 32 inches wide or wider, together with 2⅛ yards of bias binding put on as illustrated.


6156 6144

Any of the up-to-date patterns may be obtained by remitting 10 cents in stamps, check or money order to the General Electric News Pattern Bureau, 11-13 Sterling Place, Brooklyn, N. Y. When sending your order be sure to mention size wanted; write plainly your name, street address and city. All patterns are sent to customer by first-class mail. Spring and Summer, 1928, Book of Fashions, containing 500 designs of Ladies', Misses' and Children's Patterns, a concise and comprehensive article on dressmaking and some points for the needleworker, may also be secured for 10 cents.

OUR PERSONNEL GIRLS
*Standing—Left to right:* Marie Blough, Irene Meyer; *Sitting*: Grace Phillips, Irene Fox, Lois Miller.

absence of any employee who is reported out, distributes M.B.A. relief, other papers, checks, etc., at the homes and hospitals, and attends to reports and other routine work connected with the Industrial Service Division. From their experience and acquaintance with the problems of those employed at bench, machine or desk, the work of these personnel girls is undoubtedly of much value to everyone concerned.

### Miss Heckler Entertains

ON May 14th, Bertha Heckler entertained the members of the TNT Club at their regular monthly meeting at her home on Huestis Ave. The girls played bunco, prizes going to Ireta Erwin, Viola Haggerty and Edna Etzler. Later a delicious luncheon was served. The members present were: Dewey Wickliffe, Corrinne Schreiner, Ireta Erwin, Viola Haggerty, Edith Schreiner, Edna Etzler, Gladys McMillan, Florence Beneke.

### Mrs. Snyder Entertains

ON the evening of April 19th, Mrs. Gertrude Snyder, Transformer Dept., Bldg. 26-2, entertained a group of co-workers at her home. The guests had a lot of fun playing progressive games and Betty Morgan and Roxie Liddy were fortunate in winning prizes.

Present were: Mesdames Marie Saaf, Theresia Thomas, Hilda Lindeman, Marie Vining, Sophia Hartman, Helen Goodman, Nina Laier, Erma Zion, Anna Bishop, and Lois Raypole, Betty Morgan, Roxie Liddy, Bessie Chapman and Alice Laier.

### Birthday Party

THAT some of our girls still look forward to birthdays is proved by the fact that a group of them enjoyed a birthday dinner at the Mandarin Cafe on May 4th. Edna Etzler and Dewey Wickliffe, both of the Apparatus Dept., Bldg. 19-2, were the honor guests and each were presented gifts. After the dinner had disappeared the girls took in the show at the Strand Theater.

Besides the honor guests, Ireta Erwin, Gladys McMillan, Mrs. Bertha Heller, Florence Beneke, Viola Haggerty, Bertha Heckler, Edith Shreiner, Corrinne Schreiner and Mabel Liggett enjoyed the event.

## Parties, Parties, Parties

DURING the past few weeks a number of lovely parties have been given honoring Irene Whitehead, who left on May 26th. On April 18th, Luella Tarmon, Fractional Hp. Motor Dept. Office, Bldg. 3-3, gave a towel shower for Miss Whitehead at her home on Dalgren Ave. After the games of bridge were over and the packages, each containing a linen towel, were all opened, luncheon was served. Present were: Mrs. Blanch Tarmon, Edna Tarmon, Mavis Tarmon, Martha Scherzinger, Tillie Scherzinger, Virginia Pollock, Audrey Sickles, Mrs. Phil Colerick, Miss Whitehead and the hostess.

* * *

At her home, 1660 Spy Run Ave., Ann Studor entertained the members of a bridge club, composed of Small Motor Dept. girls, May 15th. Irene Whitehead was the honor guest and the girls presented her a lovely Madeira luncheon cloth. Miss Studor served luncheon to the guests: Irene Whitehead, Lois Miller, Mamie Allen, Ethel Chapman, Flora McClure, Emily Elzey, Hilda Gillian and Audrey Ries.

### To the Girls

*Dear G-E Girls:*

*Since it is impossible to personally say good-bye to even half of the great numbers of G-E girls, I am using our* WORKS NEWS *to tell you that you have contributed in a very great measure toward making my two and a half years in Fort Wayne very happy ones.*

*I know I shall miss many of you greatly, and I shall look forward to seeing you in my visits to Fort Wayne which I hope will be many.*

*Sincerely,*
*Irene Whitehead.*

* * *

Lenora Schoppman, president of Elex Club, entertained the members of the Elex executive committee at her home, 310 W. Leith St., Friday evening, May 18th. The party was in honor of Irene Whitehead and the girls presented her an Irish linen table cloth with napkins to match. Hearts was the game of the evening, the prizes going to Agnes Westrick and Mae Wolfcale. A dainty luncheon was served to the guests seated around small tables. The hostess presented Miss Whitehead a beautiful corsage. Members of the committee present, besides Miss Schoppman and Miss Whitehead, were: Tressie Singrey, Marie Blough, Susie Wagner, Mae Wolfcale, Mildred Carpenter, Agnes Westrick, Alma Olson and Mabel Liggett.

* * *

On May 19th, Hilda Hoeltje and Mabel Liggett were hostesses at a miscellaneous shower honoring Irene Whitehead, the party being at the home of Miss Hoeltje on

Michigan Ave. During the evening hearts and other games were played. Prizes were won by Flora Boerger, Cecile Meyers, Adeline Grossman, Elida Fries, the girls in turn presenting their prizes to the honor guest. Then the girls were invited to the dining room and seated around the long table, each girl finding her place by means of a tiny brown traveling case with a little green identification card tied to the handle and a small green silk umbrella strapped to the side. A dainty colonial lady dressed in green, beneath whose voluminous skirts the packages containing the gifts were concealed, formed the center-piece. After the tasty luncheon, the packages were opened, the contents of each one delighting Miss Whitehead very much. Cecile Meyers, Flora Boerger, Adeline Grossman, Grace Resler, Dorothy Hormel, Elida Fries, Hildegarde Hormel, Esther Hoeltje, the honor guest and hostesses were present.

* * *

Flora Boerger entertained a few friends at a delicious two-course dinner of lovely appointments in her apartment at 347 W. Williams Street, Sunday evening, May 20th, honoring Miss Whitehead. Gathered around the table were: Miss Whitehead, Audrey Sickles, Alma Olson, Mabel Liggett, Hilda Hoeltje, Mrs. Plympton, Alma Boerger, Hazel Calvin, Lorna Hess and the hostess. A lovely corsage marked the place of Miss Whitehead, also a package containing a set of silver salt and pepper shakers, a gift from the girls. Later on, the girls played bridge, Audrey Sickles winning a clever prize which she presented to Miss Whitehead.

* * *

Helen Hall entertained a group of friends at her home on Indiana Ave., May 21st, honoring Miss Whitehead. Flowers were used in decorating the already lovely rooms. Tables were arranged and the guests played progressive bridge. The prizes, a lovely piece of Venetian work and a set of individual silver salt shakers, were won by Mrs. Cleora Regenauer and Irene Bruns, who presented them to the honor guest. Later in the evening a dainty luncheon was served to the guests. A gorgeous coolie coat, a gift from the guests, was presented to Miss Whitehead. The hostess was assisted in serving by Mrs. Ed. Witte. Present were: Irene Whitehead, Audrey Sickles, Grace Sickles, Irene Bruns, Charlene Houck, Anne Ball, Mabel Liggett, Hilda Hoeltje, Olive Walters, Mrs. Emily Elzey, Mrs. Cleora Regenauer, Mrs. Dick Hartigan, Mrs. Ed. Witte and the hostess.

* * *

About 70 G-E girls attended the farewell dinner given for Irene Whitehead in Bldg. 16-2 on May 22nd. Bouquets of snowballs and bridal wreath and tall pink candles decorated the long tables. Miss Whitehead's place was marked by a miniature bride and groom. A short but very good program, put on by some of our talented G-E girls, followed the dinner. Mildred Archbold sang a solo; Ruth and Viola Schweitzer, "The Serenading Sisters" of WOWO, contributed two numbers; Evelyn Maass danced; Ida Graver sang two numbers, and Marie Hohman finished the program with readings. Erma Somers was the accompanist for both Miss Archbold and Miss Graver and also for Miss Maass in her dance number. A contest followed the program, Erma Somers winning the prize which was a 31-piece breakfast set. Then bunco and bridge games were played, Louise Hilger winning a set of silver candle holders as a prize. Both girls presented their prizes to Miss Whitehead. Also Miss Whitehead received a silver sugar bowl and creamer, a gift from all the girls. Mrs. Walter Kent, advisor for Elex Club, was a guest.

MAKE IT SAFE TODAY AND EVERY DAY
RALPH MOSES

* * *

At her home on Dalgren Ave. in Oak Knoll Heights, Edna Tarmon gave a bedroom shower on May 23rd, honoring Miss Whitehead. Sixteen girls were present. A luncheon was served in the dining room. A color note of blue combined with white bridal wreath for flowers was carried out in the table decorations. A tiny bride and bridesmaid made an effective centerpiece.

* * *

Miss Whitehead was the honor guest at a theater party given by Martha and Tillie Scherzinger on May 24th. The group, eleven in number, attended the new Emboyd theater and after the show went out to the home of the Scherzinger sisters on Lavina Street and played games and ate lunch. The girls all brought packages, each one containing some useful and pretty article to help Miss Whitehead furnish her new home.

## Weddings

### Kellermeyer-Eddy

On May 7th, Herbert Kellermeyer, Punch Press Dept., Bldg. 22, and Vivian Eddy, formerly of the Radio Transformer Dept., were united in marriage. The ceremony was performed by Rev. W. E. Moll in the parsonage of the Emmanuel Lutheran church. Immediately following the ceremony a reception was held at the home of the groom's parents. Mr. and Mrs. Kellermeyer are residing at 1314 Union St.

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Jean: "I was absolutely historical with laughter."

Joan: "You mean hysterical."

Jean: "No I don't—I laughed for ages and ages."

—*Judge.*

* * *

Counsel (to condemned): "You are not going to be hanged after all."

Killer: "No noose is good news."

—*Judge.*

# JUNIORS' PAGE

Dorothy Miller and Mildred Hesher

DEAR G-E JUNIORS:

I know you are all anxious to know who won the big prizes for this year, so I will tell you about them first. You will see the pictures of the winners on this page. Albert Devaux, Dorothy Miller and Mildred Hesher won the prizes for the most correct answers to the puzzles on the Junior's Page during the past twelve months. Dorothy and Mildred tied for first place so we gave them each a prize. Albert received the baseball glove he has on in the picture; Dorothy Miller received an Eversharp pencil, and as Mildred Hesher was one of the prize winners last year and won an Eversharp pencil we gave her a fountain pen. Winning a prize two years in succession is a mighty fine record, we think. Each of the prize winners had ten correct answers, but they tried all of the puzzles. Some of you other G-E Juniors, Dortha and Ralph Crall, Mary Jane Zink, Clara and Edna Patterson, all had very good records, but not quite enough correct answers to win the big prize.

Albert Devaux, who won the baseball glove, lives several miles northeast of Fort Wayne, and his father, Jesse Devaux, works in the Small Motor Dept., Bldg. 4-1, at the Broadway plant. Dorothy Miller and Mildred Hesher, who won the pencil and fountain pen, live in Decatur. Dorothy's father is Charles Miller, who works in the Assembly Dept. at Decatur, and Mildred's brother Edward, who works in the Collector Dept. at Decatur, brings her the G-E NEWS.

The prize winners for the May flower puzzle were Helen Marie Mundt, Ruth Swank, Berniece Moore, Alice Mae Seibold and Gerhardt Lebrecht. Others who sent in answers were Ruth Rose, Mary Jane Zink, Dortha Crall, Ralph Crall, Eileen Rose Mentzer, Albert Devaux and Frances Emrick, from Fort Wayne, and Sephus Jackson, Catharine Jackson, Doris Durbin, Mildred Hesher and Dorothy Miller from Decatur. Ruth Swank and Mary Jane Zink sent in answers to the April puzzle but they came too late for their names to be mentioned in the May issue of the NEWS.

We did not receive as many letters as usual last month, but I had such a jolly time reading the ones I did get. Those who sent me nice poems I want to thank for them.

After she received her prize Dorothy Miller sent me this nice letter thanking me for it:

Dear Jill:

I am writing this letter with the beautiful Eversharp pencil you sent me for a prize. I thank you very much for it. I am waiting anxiously for the June number of the G-E NEWS so that I can see how I look in my picture and to start the new year in answering the puzzles. My sister, Lucille, won an Eversharp last year and she is still using it.

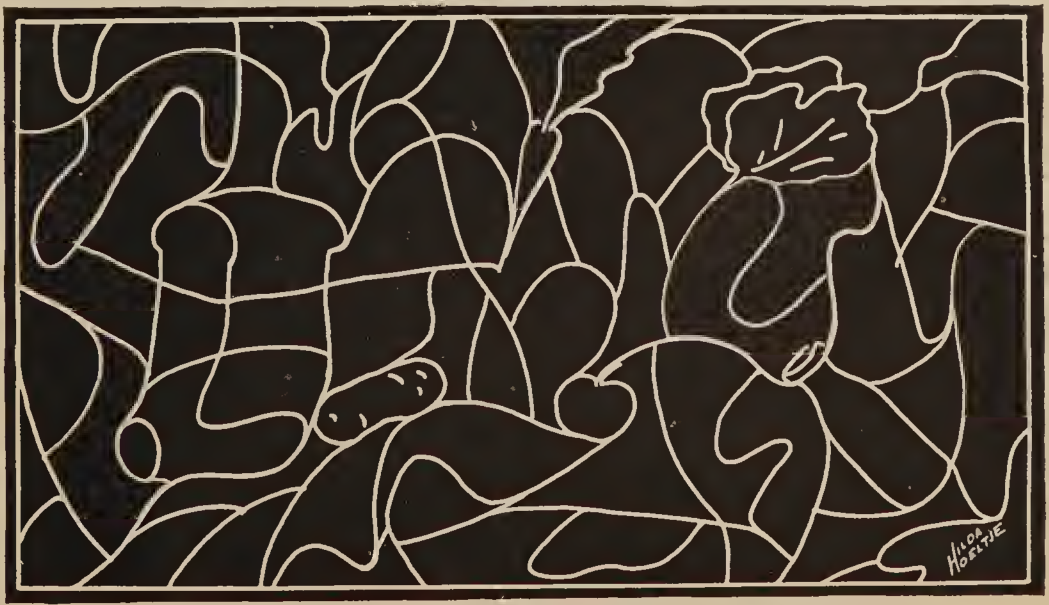
Your Junior,
DOROTHY MILLER.

Albert Devaux

The puzzle for this month is quite different from the puzzles we have been having on the Junior's Page. To solve it, you are to mark out all the unnecessary lines with your pencil and you will have left seven good things to eat. Just send me the names of the things that you find. I hope that all of you who will not be thirteen years of age before June 1st, 1929, will begin with this puzzle and answer all of them for the next twelve months.

Sincerely,

Jill



## Decatur Section

### Gecode Club Banquet for Mothers

ON May 9th, the Gecode Club girls were hostesses to their mothers at a delightful dinner served at the Decatur Country Club. The long table was centered with a huge bowl of pink roses. Each guest received a special favor of a crystal bud vase and pink rose. A delicious chicken dinner was served.

Following the banquet, Olive Walters gave a clever toast of welcome to the visitors. Mrs. Delton Passwater gave a toast to the daughters, to which Fern Passwater gave a fitting response. Mary Neptune then gave a group of readings. Following the program bunco was played. Mrs. Ella Hyland, Mary Neptune and Gladys Reffey were awarded the prizes for high score.

Guests were: Mrs. Lee Reffey, Mrs. Matt Breiner, Mrs. Joe Hunter, Mrs. Salome Myers, Mrs. E. W. Lankenau, Mrs. Bert Gage, Mrs. Wm. Engle, Mrs. Ella Hyland, Mrs. A. W. Tanvas, Mrs. Delton Passwater, Mrs. Adda Parrish, Mrs. C. W. Walters, Miss Dorothy Peterson, Mrs. Martha Fisher, Mary Nepture and Martha Bixler.

### Sick List

Oran Schultz, Punch Press Dept., is rapidly recovering from an operation.

John Stauffer, Punch Press Dept., underwent an operation recently at the Adams county memorial hospital.

**SMOKEHOUSE GANG**

**Just the members of the "smokehouse gang" out enjoying the sun during the noon hour and having a good smoke. *Left to right*: H. Harvey, J. Holthouse, K. Eady, F. Chronister, G. Acheson, L. Beal.**

### Balls and Strikes

"Ball one", "Strike one", "Smack!" another Texas Leaguer. Just the first practice of candidates for the G-E ball club. Plenty of material and from an early season view a promising bunch of rookies.

**Clay Engle, "Our Umpire"**

The cry of "On your toes!", "Look lively there! Think this is a home for invalids?" are a few samples from Manager Charles "Buck" Baxter sending his recruits through a strenuous practice session.

Several games have been scheduled and some hot arguments are in store.

## Deaths

JAMES H. WARD, automatic machine section, was fatally burned at his home on May 19th by an explosion of kerosene. He had been an employee of our Company since June 7, 1923. During the World War he had enlisted as a member of the Decatur unit and since his return had been identified with the Decatur American Legion. He had taken an active interest in Boy Scout activities and formerly was assistant scout master of the American Legion troop. As an employee he was loyal and congenial and made many friends among his co-workers. He was a member of the M.B.A. and was protected under both the free and additional insurance offered by the Company. He leaves a wife and little daughter, Naomi.

**James Ward**

### Off to Scandinavia

Richard Kent, son of Walter Kent, engineer, A-c. Apparatus Section, will be a member of the group of 400 representative American boys selected by school heads in America for a visit this summer to Denmark, Norway and Sweden. Richard is salutatorian of his class at the South Side high school this year. The boys will all sail together from New York, July 28th, returning in September.

**THE "FLANGES"**
**Decatur Bowling League Champions**
***Standing*: William Heim, Fred Teeple, Paul Busse, Marion Hoadland. *Sitting*: Robert Gage, Guy Lister, Lawrence Beal, captain.**

## Absent Employees

Catherine Rorrick, Meter Dept., Bldg. 19-4, who is a patient at the St. Joseph hospital where she underwent an operation, is recovering nicely and does not expect to be absent from work for so very long.

George Hess, Apprentice Dept., also a patient at the St. Joseph hospital, is recovering nicely from his recent operation.

Helen Guth, Experimental Dept., Bldg. 17-3, who has been confined to her home for several weeks by an attack of arthritis, is slowly recovering and it is hoped that it will only be a short time until she is able to resume her duties.

Frank Stark, Apparatus Dept., is ill at his home, 704 W. DeWald St., and no doubt will be glad to have his friends call.

F. H. Hanson, Engineering Dept., Bldg. 19-3, who is still confined to his home following a recent operation, reports that he is feeling some better and hopes to be able to return to his duties before so very long.

## Athletics

### Three Tied for First Place in Industrial League

The Pennsylvania, International Motors and Dudlo nines are tied for first place in the Y.M.C.A. Industrial baseball league. The G-E team is slow in getting started and is holding the cellar position. Cold figures seem to indicate a lack of safe blows with runners waiting on the paths. The team batting average of .296 is not bad considering the fact that a total of nineteen players have participated. But an average of over 10 strikeouts per game tells the story. Errors also have paved the way for many opponent scores, but the errors of omission which do not show up in the box scores are the chief offenders. But after all, the team is a fine bunch of youngsters who are trying their best and deserve the support of the fans. We believe the making of a good team is there and that they will do better in the future. The standing of the league follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Pennsylvania | 3 | 1 | 750 |
| International Motors | 3 | 1 | 750 |
| Dudlo | 3 | 1 | 750 |
| Bowser | 2 | 2 | 500 |
| Wayne Co. | 2 | 2 | 500 |
| Wayne Knit | 2 | 2 | 500 |
| General Electric | 0 | 4 | 000 |
| Western Gas | 0 | 4 | 000 |

Eddie Kammeyer, always a good fielder, is leading the G-E regulars in hitting with a .375 average. Thompson is second with .364, and Enders third with .316. The averages of the players for the first four games follows:

| Name | G | AB | H | Ave. |
|---|---|---|---|---|
| Brown | 1 | 1 | 1 | 1000 |
| Bubb | 1 | 2 | 1 | 500 |
| Crowell | 3 | 7 | 3 | 428 |
| Spahr | 2 | 5 | 2 | 400 |
| Kammeyer | 4 | 16 | 6 | 375 |
| Thompson | 3 | 11 | 4 | 364 |
| Kittle | 2 | 6 | 2 | 333 |
| Enders | 4 | 19 | 6 | 316 |
| Myers | 2 | 7 | 2 | 286 |
| Roembke | 4 | 15 | 4 | 266 |
| Holmes | 4 | 12 | 3 | 250 |
| Glenn | 4 | 17 | 4 | 235 |
| Chandler | 4 | 14 | 3 | 214 |

### Interdepartment Baseball League Playing Good Games

The Interdepartment Baseball League has been taking advantage of the fine spring evenings and daylight-saving and have been playing some good ball games on Tuesday and Thursday evenings on the Taylor Street diamonds. The feature game was a tie between the Apparatus and Winter Street nines which was called on account of darkness. The Transformer Dept. team defeated the Meter Dept. in a no-hit, no-run game. The standing of the teams follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Transformer | 2 | 0 | 1000 |
| Small Motor | 2 | 0 | 1000 |
| Apparatus* | 1 | 0 | 1000 |
| Meter | 1 | 1 | 500 |
| General Service | 1 | 1 | 500 |
| Winter St.* | 0 | 1 | 000 |
| Apprentice | 0 | 2 | 000 |
| G-E Squares | 0 | 2 | 000 |

*Tie Game.

### Main Office Wins Volley Ball League Championship

The Main Office team won the championship of the third round in the Interdepartment Volley Ball League and as they had won the championship of the other two rounds, were declared the league champions for this season. The winners staged a strong finish and nosed out the Meter Dept. team, who had led the league up to the last few games. The final standing of the league follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Main Office | 12 | 3 | 800 |
| Meter | 11 | 4 | 733 |
| Apprentice | 9 | 6 | 600 |
| Material List | 9 | 6 | 600 |
| Small Motor | 9 | 6 | 600 |
| G-E Squares | 3 | 12 | 200 |
| Accounting | 0 | 15 | 000 |

The Championship Bowling Cup

### G-E Horseshoe Pitchers Win City Industrial Championship

The General Electric Horseshoe tossers again showed their superiority in the old barnyard game by winning the championship of the City Industrial League. This league was an open affair with the best players in the industries of the city entered. Eight teams were entered from the plants of Bowser, Dudlo, General Electric, Perfection Biscuit Co., Pennsylvania, Wayne Co. and Western Gas. The championship was decided in total points scored. The G-E team did not lose a game during the season and twice during the regular playing schedule, scored fifty points or a perfect score on their opponents; however, Dudlo won the honors in the first half by scoring seven more points than the G-E squad. The second half was won by General Electric. In the play-off the G-E team defeated Dudlo three games and won on total points. The championship carried with it possession until next season of the beautiful loving cup trophy presented by Hertz Driv-Ur-Self Co. The trophy is a perpetual emblem to be the permanent property of the industry winning it three times. This is the first time that such a trophy has been offered for this sport.

### Indoor Baseball League Using Gym Floor

With the basketball season a matter of history the indoor baseball league is holding the spotlight in the G-E Club gymnasium. A six club league has been organized and games are played every Wednesday evening at 5:15 p.m. The teams are Main Office, Apparatus, Transformer, Tool Design, Apprentice and G-E Squares. Ed Rosenberg is director of the league and is working hard to make the first season a success.

### Interdepartment Soccer League Possibility

Soccer football, a game played more in the east and far west, but which has failed so far to create any unusual amount of enthusiasm in the middle west, has its following in this plant, particularly among the German boys, several of whom have played the game in universities in their native land. These boys are attempting to organize an interdepartment league, and what their success will be remains to be seen. The game provides plenty of thrills and fans craving action will find their desires granted in this sport. It is at least something new and we believe if you see your first game you will come back for more.

# Champion Bowling Teams

Accounting Dept. (Office League) Front row: P. Dannecker, W. Blomenberg, E. Haugh. Back row: G. Waldschmidt, E. Waldschmidt.

S.D. Motors (Small Motor League) Front row: C. Rose, H. Kessler, W. Michelfelder. Back row: E. Stock, S. McAfee, H. Heddon.

Transformers (Girls' League) Front row: Mildred Frick, Irene Fox, Helen Stahl. Back row: Ethel VanMeter, Amelia Nahrwold.

Valves (Firemen's League) Front row: E. Miller, E. Hamilton, O. Shady. Back row: G. Doehla, E. Bunting

Nite-Lites (Transformer Dept. League) Front row: F. Banks, L. Miller, A. Coxen. Back row: W. Garihan, H. Gallmeyer

At right: Special Machines (Tool Dept. League) Front row: Trautman, Meyers, Rehm. Back row: Lepper, Seibel, Paulson.

Winter Street No. 1 (Foremen's League) Front row: H. Bennigan, E. Bunting, A. Kabish. Back row: E. Zimmerman, J. Rockhill.

Pivots (Meter League) Front row: E. Miller, C. Rietdorf, D. Daniels. Back row: E. Jacobs, W. Caston

## Two Meter Dept. Bowlers Have Fine Record

Two bowlers in the Meter Dept. League have established a record that is seldom equalled. In the seven seasons that this league has been organized Raymond L. Greek and Harry J. Andress have not missed a game, having rolled 684 regularly scheduled games. In addition to this, they have participated in every tournament. Greek was a member of the Elements team this season and Andress was with the Jewels.

## Meter Dept. League

(Final Standing)

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Jewels | 22 | 11 | .667 | 820 |
| Pivots | 20 | 13 | .606 | 802 |
| Gears | 19 | 14 | .576 | 814 |
| Terminals | 19 | 14 | .576 | 810 |
| Magnets | 18 | 15 | .545 | 804 |
| Leads | 16 | 17 | .485 | 797 |
| Registers | 16 | 17 | .485 | 793 |
| Elements | 16 | 17 | .485 | 785 |
| Bases | 14 | 19 | .424 | 784 |
| Disks | 13 | 20 | .394 | 790 |
| Covers | 13 | 20 | .394 | 772 |
| Seals | 12 | 21 | .364 | 776 |

### INDIVIDUAL AVERAGES

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Rupple | 66 | 181 | Weick | 90 | 176 |
| Rump | 96 | 178 | Jacobs | 90 | 173 |
| Reitdorf | 90 | 178 | Bushing | 90 | 173 |
| Voorhees | 93 | 177 | Timme | 99 | 171 |
| Lawrence | 75 | 177 | Hueber | 85 | 169 |

### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Luessenhop | 257 | Voorhees | 646 |
| C. Rump | 245 | Bell | 635 |
| Heine | 245 | Lussenhop | 635 |

### HIGH TEAM SCORE

| | One Game | | Three Game |
|---|---|---|---|
| Terminals | 942 | Pivots | 2628 |
| Wagnets | 941 | Terminals | 2604 |
| Pivots | 927 | Gears | 2588 |

There is Always a Better Way and the General Electric Will Pay You to Find It

## Transformer League

(Final Standing)

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Toys | 34 | 14 | .708 | 762 |
| Bells | 31 | 17 | .646 | 756 |
| Oilburners | 29 | 19 | .604 | 756 |
| Currents | 27 | 21 | .563 | 752 |
| Autos | 26 | 22 | .542 | 739 |
| X-Rays | 25 | 23 | .521 | 728 |
| Potentials | 22 | 26 | .458 | 746 |
| Filaments | 17 | 31 | .354 | 731 |
| Nitelites | 17 | 31 | .354 | 728 |
| Radios | 12 | 36 | .267 | 723 |

### INDIVIDUAL AVERAGES

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Cox | 102 | 177 | Bower | 72 | 164 |
| Cook | 96 | 172 | Garihan | 96 | 163 |
| Orff | 99 | 168 | Long | 102 | 162 |
| Rietdorf | 72 | 167 | Einseidel | 93 | 160 |
| Tagtmeyer | 102 | 167 | Fredendall | 60 | 160 |

### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Garihan | 244 | Cook | 596 |
| Schlatter | 241 | Schlatter | 590 |
| Orff | 234 | Bower | 586 |

### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Nitelites | 906 | Filaments | 2443 |
| Oilburners | 884 | Potentials | 2428 |
| Autos | 868 | Toys | 2418 |

CITY INDUSTRIAL HORSESHOE CHAMPIONS

*Front row:* W. Potthoff, Guy Binkley, Louis Joseph, Oscar Huge. *Back row:* Geo. Lenz, J. F. Blakeley, Ed. Kroch. (Perry Smith, not present when picture was taken.)

## Interdepartment League

(Final Standing)

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Apparatus | 35 | 10 | .778 | 891 |
| Meter | 34 | 11 | .756 | 914 |
| Office | 25 | 20 | .556 | 879 |
| Small Motor | 22 | 23 | .488 | 847 |
| Ice Machine | 15 | 30 | .333 | 842 |
| General Service | 4 | 41 | .089 | 872 |

### INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| Auer | 191 | Knoll | 182 |
| Quinn | 190 | Walda | 181 |
| Schlup | 188 | McAtee | 179 |
| Harkenrider | 188 | Bryan | 178 |
| Huber | 183 | C. Rump | 117 |

### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| A. Malda | 268 | Auer | 682 |
| C. Rose | 251 | Quinn | 667 |

### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Meter | 1040 | Meter | 2899 |
| Apparatus | 1008 | Office | 2859 |

## Tool and Equipment League

(Final Standing)

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Special Wachines | 28 | 14 | .666 | 777 |
| Machines | 25 | 17 | .596 | 777 |
| Jigs & Fixtures | 23 | 19 | .548 | 779 |
| Special Tools | 21 | 21 | .500 | 771 |
| Grinders | 21 | 21 | .500 | 758 |
| Punches | 18 | 24 | .429 | 769 |
| Dies | 17 | 25 | .406 | 758 |
| Tool Supervisors | 16 | 27 | .357 | 754 |

### INDIVIDUAL AVERAGES

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Rehm | 51 | 180 | Seibel | 72 | 164 |
| J. Franke | 75 | 176 | Brenner | 84 | 163 |
| Gerdom | 69 | 174 | Suelzer | 54 | 163 |
| Knepple | 81 | 168 | Hayes | 78 | 162 |
| M. Franke | 83 | 167 | Thiele | 78 | 162 |

### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| J. Franke | 247 | Gerdom | 629 |
| Gerdom | 244 | Roembke | 605 |
| Totten | 239 | J. Franke | 601 |
| | | Totten | 601 |

### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Special Machines | 906 | Special Machines | 2563 |
| Punches | 898 | Machines | 2498 |
| Wachines | 885 | Jigs & Fixtures | 2476 |

## Foremen's League

(Final Standing)

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Tool Supply | 23 | 10 | .697 | 768 |
| Tool Making | 22 | 11 | .667 | 735 |
| General Service | 19 | 14 | .576 | 767 |
| Meter | 18 | 15 | .545 | 729 |
| Machine | 17 | 16 | .515 | 727 |
| Transformer | 16 | 17 | .485 | 751 |
| Apparatus | 16 | 17 | .485 | 729 |
| Pattern Shop | 16 | 17 | .485 | 723 |
| Small Motor | 15 | 18 | .455 | 728 |
| Ice Machine No. 1 | 13 | 20 | .394 | 740 |
| Ice Machine No. 2 | 12 | 21 | .364 | 737 |
| Wire & Insulation | 11 | 22 | .333 | 702 |

### INDIVIDUAL AVERAGES

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Harkenrider | 74 | 178 | Garihan | 99 | 164 |
| Buuck | 99 | 178 | Schild | 90 | 164 |
| Korte | 87 | 172 | Foellinger | 99 | 164 |
| Johnson | 87 | 172 | Bennigan | 60 | 163 |
| Grimme | 84 | 172 | Andress | 64 | 163 |

### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Foellinger | 257 | Harkenrider | 647 |
| Harkenrider | 255 | Foellinger | 616 |
| Lageman | 237 | Buuck | 604 |

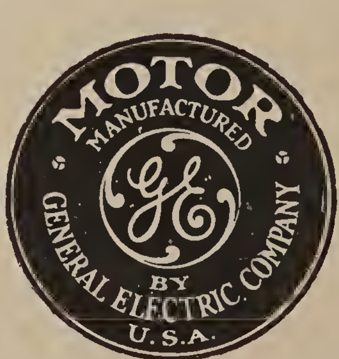
### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Ice Machine No. 1 | 917 | Ice Machine No. 2 | 2445 |
| Transformer | 885 | General Service | 2442 |
| Apparatus | 867 | Tool Supply | 2406 |

"ONE of the boys was telling us last night that the General Electric Company had about 74,000 employees. The Census Department figures about 4½ persons per family so that would mean a G-E city nearly as large as the combined population of Schenectady, Lynn, Fort Wayne, and Pittsfield. We were talking about how much this great G-E city could do to help its own business if every employee bought only G-E products for their electrical equipment.

"Take, for instance, the number of fractional horsepower motors that would have to be built not only to equip our own motor-driven household appliances but for all those who'd be influenced by us. Why, all our relatives and neighbors would be buying them too.

"It's an idea worth considering, for we'd be killing two birds with one stone. We'd be sure our washing machines, ironers, vacuum cleaners, and so forth had good motors, and besides we'd be providing work for ourselves."



*In addition to the name-plate and the end shield on the G-E motors themselves, this identification seal is used on stickers and tags attached to most of the appliances equipped with G-E fractional horsepower motors.*

210-81

*This is one of a series of advertisements to show G-E employees the advantages of insisting on a G-E f. hp. motor when buying a motor driven appliance. This series will appear in the Works News of all the factories, and in the G-E Monogram, the magazine for office employees.*

The GE News

July 13, 1928

# In the Good Old Summer Time

Mankind has always held the fisherman in high respect. For he pursues a noble sport, whether his fishing be done in trout brook, in lake, or on the sea.

A worthy man once said of strawberries: "Doubtless God could have made a better berry than the strawberry, but doubtless God never did."

And so it is with fishing: God never did make a more calm, quiet, innocent recreation than angling, nor one which brings more peace to the soul, nor one more fitted to sweeten the sourest disposition. Old Izaak Walton did not hesitate to say that, "Angling deserves commendations; it is an art worthy the knowledge and practice of a wise man." And it might be added that angling has more than once put wisdom into a fool.

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

Vol. 12 July 13, 1928 No. 7

E. H. Leitz

Carlton Brudi

Arthur McNamara

E. E. Schoenlein

J. F. Smith

Harvey Fisher

# Suggestion Awards

A $250 award has recently been made to E. H. Leitz, Transformer Dept., Bldg. 26-2, for an idea he presented in connection with the manufacture of transformer-capacitors. Mr. Leitz is one of a group that builds these transformer-capacitors in Bldg. 26-2, and he observed that needless loss was entailed from the rejections at final test of complete units because of improper connections and grounds. So he suggested that tests for proper connections and grounds be made after the units were assembled and connected but before they were sealed in place by the compound with which the boxes are filled. He embodied his idea in a suggestion regarding rearranging of the testing equipment to carry out the plan. The suggestion was adopted and has proved valuable to the Company—a necessary condition where such a substantial award is made.

Mr. Leitz also secured a $50 award during the past month on a suggestion to supply containers for protecting the Y-1255 transformers during the assembling operation. Six of Mr. Leitz's suggestions have been adopted and they have brought him awards which total $350.

John F. Smith, foreman, Meter Dept., Bldg. 19-4, secured next to the largest award for the past month, $100, for his suggestion that cotton-covered wire be used for three-wire I-16 current coils of the larger capacities, to eliminate hand-taping of the wire.

Harvey Fisher, Bldg. 26-2, was awarded $50 on a suggestion regarding the supplying of a barrel washer for use in Bldg. 26-B for washing small parts.

Carlton Brudi, Bldg. 26-2, was granted an additional award of $45 on his suggestion to use thinner material on tops of GW transformers, which originally brought him $5 award.

Arthur McNamara, Bldg. 19-5, suggested use of a soldering pot to remove insulation from leads in Bldg. 19-5 and received $40 award.

Wm. H. Schwalm, Bldg. 19-4, was awarded $35 on his suggestion regarding the use of "D" drill on phonograph motor frames in Bldg. 19-4.

E. E. Schoenlein, Bldg. 19-4, on his suggestion regarding changing certain operations on the D-12 and D-13 cam shafts received $25 award.

Ray Leitz, Bldg. 19-2, suggested a use of scrap linen on type H transformers that brought him an award of $20.

Elwin J. O'Neill, Bldg. 20-1, suggested the use of bronze in place of aluminum balls for check valves and was awarded $15 for his suggestion.

Ross Strodel, Bldg. 19-5, received $15 award on suggestion regarding the supplying of a device to extract work from machine used for facing I-16 jewel screw head in Bldg. 19-5.

R. L. Flightner, of Bldg. 18-4, was granted $15 additional award on review of his suggestion of change to length of certain strip brass stock used by Fractional Horsepower Motor Dept. He originally received $25 award on the suggestion.

Ralph E. Viland, Winter Street plant, received $15 award on his suggestion regarding re-centering cylinders on machine No. 11101 at Winter Street.

Harold C. Keil, Bldg. 26-2, suggested the addition of clips on the regular test boards for testing GW-97 transformers in Bldg. 26-2 and was awarded $15.

Carl B. Egts, Bldg. 26-2, suggested supplying braces for razor blades used on winding machines in Bldg. 26-2 and received $10 award.

Lawrence W. Schuster, Bldg. 26-B, received $10 award on suggestion of change in material used for certain radio transformer clamps.

Jessie G. Snyder, Bldg. 26-5, was awarded $10 on her suggestion that extra turns from coils be rewound on new coils.

Henry D. Grepke, Bldg. 17-3, suggested an improvement in the press used in pressing armatures in Bldg. 17-3 and received $10 award.

# Homes of G-E Employees Purchased Through G-E Housing Plan

*Left:*
Russell L. Walters
1142 Sheridan Court

*Right:*
Ezra W. Garringer
3921 Buell Drive

Arthur Loescher
3120 S. Lafayette St.

Arthur L. Haycox
3012 Beaver Ave.

Herman F. Volmerding
3702 S. Wayne Ave.

*Left:*
Russell L. Cummins
1203 Park Ave.

*Right:*
Charles Grimes
1521 Taylor St.

Milo E. Clark
1306 St. Mary's Ave.

George W. Clancy
531 Purman St.

James O. Robinson, Bldg. 4-1, suggested a change in size of insulation, Dwg. 3584086 used in Bldg. 4-1 and received $10 award.

Arthur McNamara, who received a $40 award mentioned earlier in this report, received a $10 award on a suggestion of supplying an improved jig for use with certain current coils in Bldg. 19-4.

Olive Gusman, Winter Street plant, suggested a turn table to facilitate assembling clips on stator leads at Winter Street and received $10 award.

Five-dollar awards were granted to the following members of Fort Wayne Works organization on the suggestions noted below:

Charles F. Braun, Bldg. 4-5, supplying a container for oil in Bldg. 4-5.

George Ira Fields, Bldg. 19-3, supplying jigs for drilling CD bearing brackets.

W. C. Macke, Bldg. 19-2, supplying an improved guard at copper saw in Bldg. 19-2.

Richard H. Castle, Bldg. 26-2, change to washers used on GW-21 winding machines in Bldg. 26-2.

Chas. O. Bower, Bldg. 26-B, supplying panels for placing along the front of full bins in Bldg. 26-B.

James Grogg, Bldg. 19-4, cutting off stud used with Novalux timer.

Wm. G. Schafer, Bldg. 6-B, change in construction of wagon tongues.

Lee Cupp, Bldg. 4-4, guard at press No. 6133 in Bldg. 4-4.

Guy Peckhart, Bldg. 4-2, supplying an improved fastening for lid of wash tank in Bldg. 4-2.

Jesse O. Moore, Bldg. 17-3, supplying guard for machines No. 10225, etc. in Bldg. 17-3.

Edward Arthur, Bldg. 19-5, supplying a stand for holding terminal cover pan at conveyor belt in Bldg. 19-5.

Edward Arthur, Bldg. 19-5, change to guides at glass cover conveyor in Bldg. 19-5.

Merland Heller, Bldg. 4-4, supplying an oil guard over motor in Bldg. 4-4.

Martin Witham, Bldg. 19-4, supplying a permanent ladder at fan motor in Bldg. 19-4.

Elmer Warner, Bldg. 26-2, undergrinding certain shafts in the Apparatus Dept.

Ezra Garringer, Bldg. 19-5, eliminating guide pins used with relays made in Bldg. 19-5.

Leo Walters, Bldg. 4-5, supplying special air-tight containers for glue used in Bldg. 4-5.

Norbert B. Meyer, Bldg. 4-2, supplying a guard for switchboard in Bldg. 4-2.

Claribell Thimlar, Bldg. 19-4, installing a single switch to operate heat and fan controls at oven in Bldg. 19-5.

Wayne E. Johnson, Bldg. 12-2, supplying a guard for gears on machine No. 16610 in Bldg. 4-2.

Sidney Borton, Bldg. 4-1, supplying a special plug gauge in Bldg. 4-1.

Ray Stephenson, Bldg. 20-1, supplying a guard for machine 7018 in Bldg. 26-1.

M. Cranfill, Bldg. 26-2, supplying an oil guard at motor on ceiling in Bldg. 26-2.

Madarus Putt, Bldg. 19-2, an improved method of anchoring leads in attachment plugs.

Mrs. W. E. Hormel, Bldg. 18-5, use of Item 22 G-E Drafting Manual in the Fort Wayne Works Drafting Dept.

Oscar Baals, Bldg. 26-B, change to the type of japan used on certain work done in Bldg. 26-B.

Earl J. Ramey, Bldg. 26-B, an improved method of drilling certain transformer clamps in Bldg. 26-B.

Walter Judt, Bldg. 19-4, supplying air and chutes to remove shavings from magnet machines in Bldg. 19-4.

Ray Leitz, Bldg. 19-2, use of used corrugated boxes received by the Transformer Dept. as special tote boxes throughout the factory.

Charles J. Ueber, Bldg. 27, supplying swivel hoods for stacks in Bldg. 27.

Floyd E. Braun, Bldg. 26-1, use of metal spacers in winding certain type H coils in Bldg. 26-1.

Alton Cupp, Bldg. 4-1, supplying clamps to hold stators back on conveyor in Bldg. 4-1.

Merle Binkley, Bldg. 19-4, supplying equipment to facilitate the opening and closing of window in the meter magnet department.

F. E. Fisher, Bldg. 9, changing hoist on crane in Bldg. 12-1 to prevent it from getting into trolley wire.

Raymond Smith, Bldg. 19-4, supplying special trays for certain disks in the Meter Dept., Bldg. 19-4.

Roy Brown, Bldg. 27, supplying labeled cross bars on crane controls at the Winter Street plant.

Fred Bergman, Bldg. 19-4, change to method of milling bases in Bldg. 19-4.

Walter Schelper, Bldg. 4-4, change to switch on Machine No. 3912 in Bldg. 4-4.

Edw. W. Hormann, Bldg. 26-3, covers for gears on welder in Bldg. 26-3.

Jos. T. Middendorf, Bldg. 4-2, supplying a cover for motor No. 8091 in Bldg. 4-2.

F. H. Lemish, Bldg. 26-3, supplying special boxes for scrap in Bldg. 26-3.

## Home!

If you desire a home of your own, come to the Industrial Service Dept. and get full details of the G-E Housing Plan.

Wilbert B. Putt, Bldg. 4-5, change to table top in Bldg. 4-5 to eliminate skinning coils.

Paul L. Sanders, Bldg. 4-1, bolting standard base to press No. 7488 in Bldg. 4-1.

John F. Fulk, Bldg. 20-1, shields for elements in washing tank in Bldg. 4-5.

Henry J. Graffe, Bldg. 4-4 (additional award), change to the lengths of leads on certain fractional horsepower d-c. motors.

Sam Hanes, Bldg. 4-1, supplying guards along the armature conveyor in Bldg. 4-1.

L. L. Bergevin, Bldg. 4-1, change to return conveyor in Bldg. 4-1.

William Welch, Bldg. 4-4, change to horizontal ribs on certain fractional horsepower motor flanges.

Harold C. Gillian, Bldg. 17-3, supplying a railing at conveyor in Bldg. 17-3.

Ellsworth Geller, Winter Street, wiring cable pits at Winter Street plant for d-c. power.

Cleo. Schnitz, Bldg. 19-4, change to construction of pointer shaft used in Meter Dept.

Nora C. Coburn, Bldg. 26-2, change to device used in cutting leads in Bldg. 26-2.

Henry J. Luedike, Winter Street plant, change to construction of gas line at Winter Street plant.

Walter B. Crampton, Winter Street plant, supplying a diamond holder for use at Winter Street plant.

E. Jerome Frye, Winter Street plant, supplying an improved checking tool for pistons at Winter Street plant.

George Graue, Winter Street plant, supplying a V-block for grinding reamers at Winter Street plant.

Ralph Viland, Winter Street plant, supplying guard between machines No. 6651 and No. 14742 at Winter Street plant.

A. Treesh, Bldg. 19-2, change to switch used on portable oil testing sets in the Transformer Dept.

Joseph R. Carrier, Winter Street plant, supplying a shield for keeping acid from evaporators at Winter Street plant.

Roy Ernest Davis, Winter Street plant, lengthening screws used on DR-3 refrigerator box tops.

C. J. Lallow, Bldg. 26-2, change to design of spool used on GW-97 transformers.

George Ryan, Bldg. 19-5, cleaning parts at assembly inspection in Bldg. 19-5.

Theo. Grimme, Bldg. 17-2, change to length of leads in certain fractional horsepower motor fields.

Claude Daniels, Bldg. 20-1, supplying a permanent ladder at fan motor in Bldg. 26-2.

Agnes Didion, Winter Street plant, change to welding jig to hold suction lines at Winter Street plant.

Jesse Easterday, Bldg. 8-1, supplying wider drip pans for two machines in Bldg. 8.

Max F. Fielitz, Bldg. 19-4, change to cutters used for milling slots in Bldg. 19-4.

Truman R. Buckles, Bldg. 2-K, installation of sliding doors in Bldg. 2-K.

Ellis McMullen, Bldg. 26-4, guarding gears on slotters in Bldg. 26-4.

Lela Heckman, Winter Street plant, supplying a mop cart for use at Winter Street plant.

Otto Hinrichs, Bldg. 26-4, supplying a guard on machine No. 12191 in Bldg. 26-4.

Cloyce S. Peden, Winter Street plant, supplying a stop at conveyor at Winter Street Plant.

## Peter M. Braun Retires

On June 30th, Peter M. Braun, well-known patternmaker of Bldg. 10-2, retired from active service under a pension granted by the Company in recognition of his faithful service.

Peter M. Braun

Mr. Braun was born in Coblenz, Germany, June 4, 1862, but when he was only three years of age, his parents brought him to America and settled in Fort Wayne. Ever since then he has been a resident of Fort Wayne. He learned his trade at the Bass Foundry and after following it there for a number of years applied for such work at our Broadway plant. It was on May 1, 1899, that he came to the Fort Wayne Electric Works and as his service record is unbroken he has to his credit continuous service with our Company of a little over twenty-nine years. In this period he has worked on the patterns of practically all kinds of apparatus manufactured here at our plant. In 1924 he was elected to membership in the G-E Quarter Century Club, a membership which no doubt he now will prize more highly as it will keep him in touch with his old associates here.

Mr. Braun will spend his days of leisure at his home, 1311 East Lewis Street, with his three daughters, Nellie, Mary and Margaret who are still at home. His son, Edward, is a draftsman in the Apparatus Division, Bldg. 19-3.

Lowell Devore

Robert Wilson

Erwin Auman

## Three Complete Apprentice Courses

In the past month, three young men finished their apprentice school courses and each received his diploma and cash bonus. These graduates are: Lowell Devore, who took the three-year draftsman training; Robert Wilson, who had selected the three-year electrical tester course, and Erwin Auman, who had completed the machinist and toolmaker's course.

Mr. Devore is from Ohio, a graduate of the Sherwood high school. He started his apprentice work soon after graduation. As the award of the $75 bonus indicates, he did good work on his apprentice course; moreover, he has found time to take an active part in plant athletics, recently being a member of the G.E.A.A. water polo team. Mr. Devore is now in the Switchgear Division, Bldg. 16-3.

Mr. Wilson graduated from the Washington high school, Lynn, Indiana, in 1925 and came at once to take up this work here. He has done good work in both classroom and shop and has been assigned to testing work in the Transformer Development Test, Bldg. 26-1.

Mr. Auman is a Fort Wayne Central high school graduate of 1925, his high school work enabling him to complete the machinist toolmaker's course in three years. He has been assigned to work under E. J. Schafenacher in the Special Machine Dept., Bldg. 26-5. It is interesting to note that this young man is a son of Henry Auman, foreman in charge of the transformer experimental work, Bldg. 26-2.

There are now 170 young men taking apprentice training here. Fifteen of these started their apprentice work within the past month. Five of these new students are taking the electrical tester course, four the draftsman course, and six the machinist and toolmaker's course.

The new students in electrical testing are: Melvin R. Nuessel, a graduate of the Brazil high school; Willard Fuller, a graduate of the DeSota high school; LaMoyne Gale, a graduate of the Peru high school; Clue Ferguson, Jr., a graduate of Fort Wayne North Side high school, and Conrad Monroe, a graduate of Fort Wayne Central high school.

Those recently enrolled for draftsmen training are: Kermit Manecke, a graduate of the Jefferson high school, Delphos, Ohio; Arthur Nickerson, a graduate of Fort Wayne South Side high school; Charles Briggs, a graduate of Fort Wayne Central high school, and Walter Coolman, a graduate of Fort Wayne Central high school.

The new students enrolled in the machinist and toolmaker's course are: Harvey Boyer, formerly of the Huntington high school; Kenneth Tappy, Bluffton high school; Dale Steward, Fort Wayne Central high school; Paul Madden, Churubusco high school; Milo Schmidt, Roll high school; and John Kleinhans, Fort Wayne North Side high school.

A

Good Worker

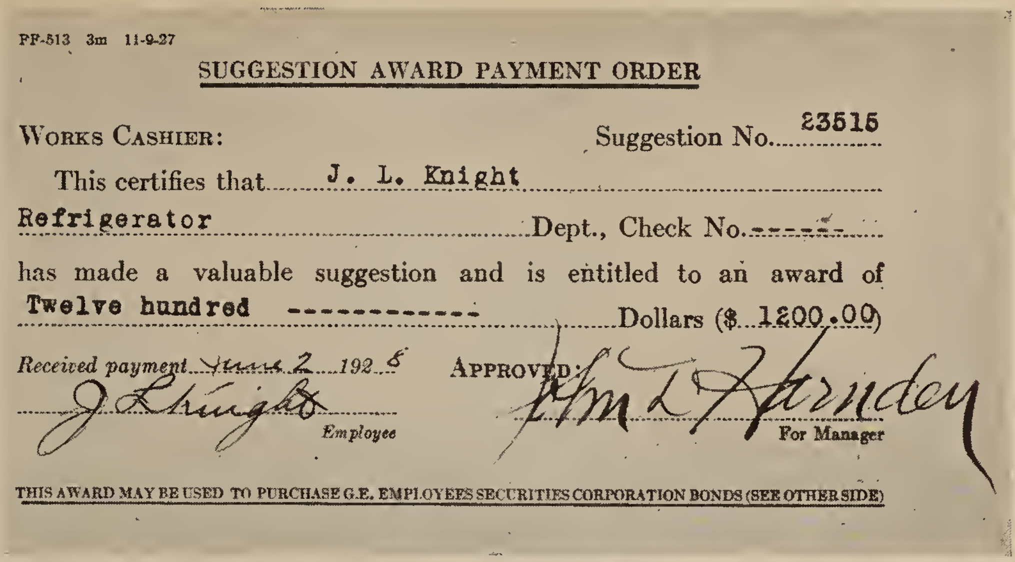
Is Always

A *Safe* Worker

# Biggest Yet!

## *J. L. Knight Gets Award of $1200 for Suggestion Concerning Refrigerators*

J. L. Knight



PF-513 3m 11-9-27

SUGGESTION AWARD PAYMENT ORDER

WORKS CASHIER: Suggestion No. 23515

This certifies that J. L. Knight

Refrigerator Dept., Check No. ------

has made a valuable suggestion and is entitled to an award of

Twelve hundred ------------ Dollars ($ 1200.00)

Received payment June 2 1928 APPROVED: Wm L Harnden

J L Knight Employee For Manager

THIS AWARD MAY BE USED TO PURCHASE G.E. EMPLOYEES SECURITIES CORPORATION BONDS (SEE OTHER SIDE)

Good as Gold!

THE largest award ever granted to a G-E employee under the G-E Suggestion System was recently made to J. L. Knight, of the Refrigerator Dept., Schenectady Works. The award was a check for $1200.

The suggestion on which Mr. Knight's award was made involves a change of considerable importance in the construction of the G-E refrigerator boxes. He suggested a method of connecting the inner and outer surfaces of the refrigerator case in such a manner that the two surfaces are insulated from each other in a highly efficient manner. The suggested construction enables the box to be more easily cleaned. It furthermore enhances the appearance of the box considerably.

Mr. Knight, who is just 26 years old, came to our Company direct from Carnegie Institute of Technology, where he was graduated in the spring of 1926. He entered the Test Dept. of the Schenectady Works, and was assigned to experimental testing on refrigerator cases. This naturally led him to take an interest in their design. And the idea which led to his award was the result.

When Mr. Knight's suggestion was first brought to the attention of the Suggestion Committee—about three months after he had joined the Company—its fundamental value was immediately seen. But for many reasons it was not possible to put the suggestion into effect right away. Its adoption would involve costly changes in the manufacturing process, and there were furthermore many details which must first be worked out.

So it is that Mr. Knight's suggestion, made originally in 1926, was not adopted officially until last month. But this does not imply that the Company values his suggestion any the less. In fact, since making the suggestion Mr. Knight has been made a member of the Refrigerating Engineering Dept., under C. Steenstrup and has been assigned to duties in connection with refrigerator box design.

Many, upon learning of Mr. Knight's suggestion, have said:

"There's nothing remarkable about *that.* Anybody could think *that* up!"

The point is that *nobody did think of it!* It remained for a newcomer to the Company to point out this simple solution to a vexing problem.

There are undoubtedly dozens of other problems in connection with G-E manufacturing operations which could be solved quite as simply and readily if the right men were to give their thought to them. And the Suggestion System exists solely to give every one a chance to submit his ideas. It is true that the suggestions submitted do not always merit an award. But on the other hand—Mr. Knight got $1200 for his!

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# G-E to Market Hand Cream

AT the suggestion of the Medical Dept. of the Schenectady Works, our Research Laboratory investigated the possibility of devising some substance that would protect the hands and arms of employees working in varnishes, paints, oils, etc. The result was the development of G-E Hand Cream, No. 406. This cream immediately became popular in our own organization, and inquiries concerning it were received from other companies.

It is not to be confused with preparations which aid in the removal of grease and dirt. It is a cream which prevents grease or dirt from getting into the pores of the skin. It is a harmless substance which protects the skin from irritations caused by moisture, mild acids, alkalines, dirt and grease.

It is applied *before* working. Rubbed into the palms and backs of the hands—and on the arms, if the arms are to be exposed during the work—and under the nails, it forms a thin, wax-like film which keeps dirt out of the pores. After the work is done, a small amount of the cream is again applied, and the hands and arms are washed in warm water, which removes the cream, and with it, the grease and dirt. One of its advantages is that it does not make the hands slippery.

The cream has been placed in production and sales will be handled by the Merchandise Dept., Bridgeport.

*Above:* Will Rogers sets out to gallop around his bedroom

*Left:* Incandescent lighting helps winsome Clara Bow to look her best

*Below:* "Toni LeBrun", Corinne Griffith's new film, owes much to its elaborate lighting effects

# *The Incandescent Lamp Opens New Possibilities to Movieland*

"LET'S go to the movies." Millions of people say that every week in this great land of ours. Movies have become the national pastime. But how little most of us really know about the movies!

Take so simple a matter as light.

As we stroll toward the theater perhaps we notice the elaborate electric sign outside. Then we see the brilliantly lighted foyer. And then suddenly, as we enter the theater itself, we are plunged into darkness—darkness which is pierced only by a thin triangular streak of light, coursing its way from projection machine to screen. But as the story unfolds itself before us we forget even this. We lose all thought of the medium by which the story is brought to us. The tremendous part which light plays in the making of movies is seldom thought of at all by those of us who sit in the audience.

In the "Land of Make-Believe" which is spread out on the screen, a morning sun pours in through a cabin window, making a checkerboard of lights and shadows across the floor. The scene shifts to bright mid-day, and we almost feel its stifling heat. Darkness falls suddenly, like a blanket. A crash of drums from the orchestra! The roll of thunder! Rain beats down; lightning flashes! Then night steals in, with its soft caressing moonlight. Or perhaps a scene laid in some brightly lighted night club, with Clara Bow, or John Gilbert, or some other luminary of filmdom's firmament, holding the foreground. It is all very realistic. But is it real? No! Light—light handled by experts who know its true worth as an artistic medium, creates these illusions for us.

Southern California was chosen by the movie industry at first because of its sunshine. But the sun doesn't *always* shine, though the actors' salaries go on forever. Then, too, sunlight doesn't always do the things the movie people want it to do. The sun can't be dimmed at will, can't be made to cast its shadow just where the director wants it. So the arc and mercury vapor lamps were pressed into service, bringing new and undreamed-of possibilities to the clever director and his right-hand man, the camera man.

And now even these lamps have been superseded. The incandescent lamp—as far superior to arc lamps as arc lamps were to sunshine—has arrived in moviedom.

The mere photographing of a scene is no simple matter. Sixteen photographs a second are registered by the movie camera on the roll of continuous film. From every part of the set a million impressions must travel to the movie camera, there to be recorded permanently on a piece of film little larger than a two-cent stamp. Let the villain gnash his teeth. Every tooth, every hair of his moustache, must find its tiny counterpart on this little piece of film! It's marvelous business. Three hundred years ago it would have been called magic.

But if the lighting isn't right, the photograph is no good. Hence the constant search on the part of movie folks for a source of light which is both dependable and capable of infinite modulation—capable of all the delicate variations from deepest shadow to strongest sunlight which are necessary if the film is to be a true work of art.

Nicke Grinde, M. G. M. director, shows Sylvia Beecher one of the new incandescent lighting units

In 1927 an organization known as the Academy of Motion Picture Arts and Sciences was formed, with Douglas Fairbanks as president. This organization, composed of actors, directors, producers, writers, and technicians, was specifically for the purpose of improving the development of the production branches of the movie industry. It is co-operating closely with, and has the support of, the Motion Picture Producers and Distributors of America (the so-called Will Hays organization).

Last year the use of incandescent lights was introduced into several Hollywood studios. Sometimes the results were very good, and at other times very discouraging. Equipment would be used for awhile, then discarded, only to be taken up again by some other cameraman on the "lot." The discussion for and against the use of incandescent lights became so heated at the meetings of the technicians' branch of the Academy that it was finally decided to settle the question once and for all.

How did they go about it? They arranged for a series of exhaustive tests in the actual movie studios. To these tests were invited equipment manufacturers, scientists, college professors, and other experts. The General Electric Company—in recognition of our leadership in the lighting field—was the only electrical manufacturer to take an active part in these tests. Besides furnishing a large number of lamps, our Company sent technical experts from Nela Park, headquarters of the National Lamp Division, and from the Edison Lamp Works at Harrison, N. J.

The finished photoplay, of course, does not show the lamps, the scaffolding or the wires which coil themselves away back-stage

Camera men show Beebe Daniels some of the lamps which were used in her picture, "Feel My Pulse"

The movie industry is rather given to startling and sensational behavior, and for this reason its officials are not easily wrought up. But the results of these tests startled even the officials of moviedom.

Milton Sills, Doris Kenyon, and supporting cast greet the (incandescent) daylight in one of their recent pictures

The chief advantage of using incandescent lamps, of course, is the amazing new control of light and shade—of all kinds of unusual and beautiful lighting effects—which is placed in the hands of the artistic movie director and technician. But the advantages don't stop there. The magazine *Light,* in summing them up, says:

*First,* that, thanks to incandescent lamps, it is possible to produce lighting effects heretofore unobtainable because of the ease with which the light may be controlled.

*Second,* that the number of men required to handle the lighting equipment of the average set is cut in two.

*Third,* that the electrical energy which studios have found necessary to illuminate sets has been reduced to half of what was previously required.

*Fourth,* that the light is absolutely steady, thus eliminating "retakes" because of intensity variation.

*Fifth,* that since the incandescent lamp oper-

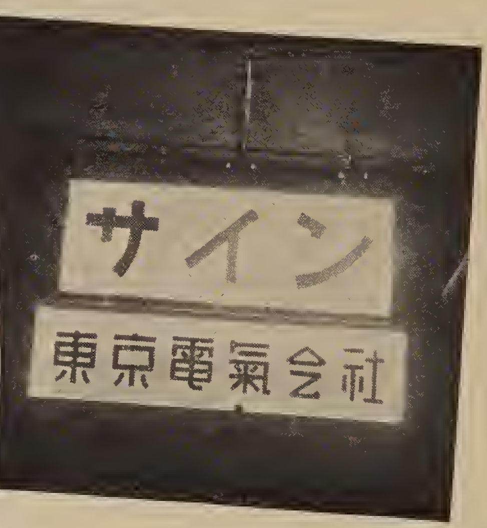
(*Continued on page 15*)

# Seeing the Sights with the G-E Camera Man

*Left:* This supercilious camel has three buckets of coal for the blacksmith, *Right:* This powerful gas-electric truck, developed by the G-E, could draw more than as many tons for our civilization

This is not a boa-constrictor wiggling through the jungle. It is a freight train winding over a portion of the Mexican Railway Company's line recently electrified by the G-E

These two young ladies are leaning on the Lindbergh Beacon, recently installed by the G-E on the tower of Los Angeles' new City Hall. This beacon greeted Lindbergh on his official visit to the city last winter



This is how a Japanese sign looks when lighted by G-E lamps

A view from the top of Mount Vesuvius, showing the edge of the blue Mediterranean in the distance, and the electric tramway installed on its torturous ascent

The big aircraft carrier *Lexington* noses her way through Panama Canal. The *Lexington* is fitted with G-E equipment

# *Around the World with General Electric*

### Italy

Elsewhere in this issue there is an article about the part that light plays in the movies. It should not be forgotten that adequate lighting facilities are also indispensable in the "legitimate" theaters, for without elaborate color effects many a production would be a complete flop. The old Opera House in Rome, known as the Costanzi Theater, had become out of date, and it was decided to rebuild it. The question of adequate lighting was given serious consideration and the plan offered by our associated Italian company was finally accepted. The new theater, known as the Royal Theater of the Opera, is modern in every respect. The Italian King, Mussolini, and a particularly distinguished audience of international celebrities witnessed the opening performance.

### Brazil

After-dark games of football, while not at all common as yet, are nevertheless no longer considered experiments. The possibility of them is now definitely established. Rio de Janeiro has nearly completed a huge new sports stadium which will seat approximately 100,000 spectators. Recently a need arose for floodlighting this stadium, which was to be used for a series of football games between a visiting team from Uruguay and various Brazilian teams. Our office in Rio de Janeiro met the situation by gathering all the available floodlights suitable for the job. The result surpassed all expectations. It was so successful, in fact, that the stadium will be permanently equipped with floodlighting equipment within a few months.

### Colorado

The longest railroad tunnel in America was recently opened when the Moffat tunnel, piercing the Rockies, was completed. The completion of this great project was solemnized by the driving of a golden spike by the governor of Colorado. The blows, as well as the addresses attending the celebration, were plainly heard through KOA, our Denver broadcasting station. A great deal of electrical apparatus was used in the making of the tunnel, practically all of which was furnished by G-E. The completion of this six-mile tunnel marks the fulfillment of the dream of David H. Moffat, the pioneer railroad man after whom it was named.

### California

The Lindbergh Beacon, an 8,000,000-candlepower airport light erected atop the City Hall tower in Los Angeles, was recently turned on officially by President Coolidge, when he touched a button in the White House at Washington. The light is intended to commemorate Colonel Lindbergh's epoch-making achievements, and was presented to the people of Los Angeles. It is lighted by a 900-watt filament lamp, burning before a 24-inch mirror. The beacon was built by our Company.

### New Zealand

About eighteen months ago, a large coal mine located at Dobson, Westland, on the island of New Zealand, was being worked at the usual pace. A 7½ horsepower motor located at the lowest point in the mine was purring away in its accustomed fashion. Suddenly a series of tremendous gas explosions rocked the territory. Men were killed. Havoc reigned. The mine had to be abandoned and flooded. Fourteen months later, during the salvaging, this motor was dug up. The mud was scraped off, it was dried out and cleaned thoroughly, and finally tested. It worked as well as a new motor! We may be proud that it was manufactured by our associated British company.

### Australia

We are used in the United States to buying our Sunday papers on Saturday afternoon. But it is something of a novelty to hear an Australian minister delivering his Sunday evening sermon on Saturday night. On the whole, the idea has merit, and will be welcomed by those whose consciences urge them to church on Sunday against an insistent desire for a day of recreation. Dr. G. H. Burke, of Fort Yukon, Alaska, picked up Sydney, Australia, one Saturday evening and listened to the Sunday service from the English cathedral there. Dr. Burke has on R.C.A. set.

### Oregon

For some time, the problem of keeping fish out of turbine wheels at hydroelectric stations has been keeping attendants busy. Screens and nets have not been found satisfactory. Now the idea of shocking the fish away has been advanced, and is being tried out. Out in Oregon where river fish *are* fish (24-inch salmon are common), small electrodes delivering between three and four volts are placed in the water, charging it within a radius of several feet. When the fish swims too close to the danger point, he is gently reminded that he doesn't belong there. Yet the voltage is not strong enough to do him any harm.

# What We're Thinking About

## Oil-filled (Supposedly)

SEVEN years ago a G-E oil-filled (supposedly) transformer was sold to a customer of the middle west. As is usual when transformers are shipped to customers, an instruction book telling exactly how it should be set up and cared for was stuffed into the tank, where the customer would be most likely to find it.

Our Company paid no attention to this transformer after it had been shipped, because there were never any complaints about its operation. So far as can now be found out, it was set up by a qualified electrician and went into immediate operation. Quietly and unassumingly it performed its work, rendering faithful service to its owner year after year.

Word came last April that the transformer had burned out, after operating thus for seven years under full load. When it was removed for repair, the lid was taken off and it was discovered that the tank contained not a single drop of oil. The instruction book which had been stuffed into it seven long years before lay there still, without an oil spot on it. No oil had touched it; in fact, no oil had ever been put into the tank at all.

It is hardly necessary to point out that an oil-filled transformer is supposed to be filled with oil. The oil in these transformers is there for a definite purpose—for insulation. They are not expected to operate without it. So there was considerable surprise when the story of this extraordinary piece of equipment was learned. There was still more surprise when a check-up revealed that a large number of other transformers, bought at the same time, had all struggled along for seven years without the oil which was their rightful due.

"Why did they keep working without the oil?"

The answer is easy.

General Electric has always built quality into its products. It has always believed in giving full measure of value!

This one word—*quality*—is the key to General Electric's success. Some companies sell electrical equipment for less than General Electric does. *But none of them give more for their money in quality!* If our Company should ever lose its reputation for producing equipment of the highest quality, its leadership in the electrical industry would be lost. Its sales would fall off. Shops would close down. Employment would be curtailed. So it is that the men of the shops—who build quality into G-E products—hold their jobs in their own hands.

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## The Capital "I"

AN old lady came into a Pullman car not so long ago, looked around and saw only one other person in the car, and plumped herself down in the first seat she came to. As the train started, she began to smell smoke. Looking around, she saw that the other passenger, an elderly gentleman, was smoking a large cigar and puffing out great clouds of smoke.

This old lady didn't care for cigar smoke. So, with blood in her eye, she got up and hobbled down to him.

"Sir," she squeaked, "no gentleman ever smokes where there are ladies! Throw away that cigar or I'll call the porter!"

"I beg your pardon, madam," said the man as he rose and tossed the cigar through the partly-opened window.

The lady returned to her seat, but was soon interrupted by the conductor.

"I'm sorry, lady," he said, "but this is a private car, you'll have to go two cars forward."

As it happened, the car belonged to a prominent English diplomat going to Washington to attend a conference. He might have said, "Lady, I am Sir Reginald Blank, descendent of William the Conqueror and a prominent member of the House of Lords. What is more, this is my car and I can smoke if I choose."

But instead, with quiet dignity, he acceded to the old lady's wishes.

The story is not without value, no matter what we think of the persons concerned. Really great men never go about shouting their rank and titles. This loud mouthing of the capital "I," is a quality attached to little minds and little men. This fear that others will not recognize one's superiority is a true sign of inferiority. This greatness and superiority that most are in such haste to achieve, is only to be gained by patience and a careful consideration of other's feelings.

But many will say that courtesy is not understood; people often take advantage of it. We may smile at such an argument, for as it has been aptly said, "A poor fish is the person who thinks he is your superior because you treat him with courtesy."

# Firemen and Band Attend Convention at Terre Haute

THE annual industrial and volunteer firemen's convention this year is to be an unusual affair in that it will be held in conjunction with the conventions of the Indiana fire chiefs, and the members of the State Firemen's Association. Terre Haute will be host to the firemen, the industrial and volunteer firemen to be present on the first two of the three convention days, July 17th, 18th and 19th.

In spite of the fact that Terre Haute is quite a distance from Fort Wayne, General Electric, Wayne Knitting Mills, Bowsers and Pennsylvania will send large delegations. General Electric will be represented by Chief Grimme and 40 firemen from Broadway Plant, 8 from Winter Street and 12 from Decatur. The firemen will be accompanied by our 40-piece G-E Band.

In the business meetings of the Firemen's Association our firemen will be represented by the following official delegates: Jim Sivits Harry Hire, William Melching, George Harkenrider, E. A. Miller and E. W. Lackenau.

All of the G-E firemen of course will be in attendance at the big banquet for firemen and their wives to be held on the night of the 17th in the Shrine Auditorium. It is expected that no less than 2000 people will be present at this banquet.

Our representatives are to travel in two special interurban cars leaving the plant on Broadway at 1:30 p.m. Daylight Saving on the 17th, which will get them to their destination in good time for the banquet to be served that evening at 8:00 p.m., our local time.

The big parade and the contests will be held on the 18th. Our firemen and band are expected to make strong bids for the prizes offered for the best and largest uniformed fire company, and for the best band in the parade. Our firemen also will have teams in the hose laying, running ladder and water battle contests. Those chosen to represent G-E in these events are as follows:

Hose laying team: D. Hamilton, captain; W. Meyers, V. Bradbury, B. Hamilton, W. L. Glenn, C. Holes, D. Vorhees, R. Harwood, C. Marketer, T. Grimme, E. Rhodman, W. E. Hamilton, C. Reynolds, E. Miller, C. Hueber, J. Henery, and C. Wisner.

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## Works Library Secures Book Collection

OUR Fort Wayne Works Library has recently acquired approximately 150 books on engineering, science and related subjects which were formerly in James J. Wood's private office. Steinmetz's works are present in this collection and there are also some standard works on mechanisms and mechanical movements which are frequently referred to by those working with problems of design. While many of the books in Mr. Wood's collection were published some years ago, yet the story they tell of the early investigations and developments is very interesting. It seems possible that in the works of these pioneer investigators there may be valuable facts that have not been noted by some who are now engaged on problems of design. The books are available for inspection and loan to anyone in our local organization who may wish to see them.

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## Firemen Give Social

OUR Volunteer Firemen, assisted by the G-E Band, which furnished music for the affair, had on its schedule an old time social to be given in the park adjacent to the Works on the evening of June 29th. This event precedes the date of the annual convention of industrial and volunteer firemen to be held this year at Terre Haute, July 17th and 18th, and was for the purpose of providing funds to help defray expenses of the Works firemen who will attend the convention.

Elaborate arrangements had been made for the social, Chief Paul Grimme acting as chairman in general charge. He had as his special assistants in arranging the affair the following members of the Works Firemen's Association: William Melching, secretary-treasurer, in charge of all finances and ticket sales; E. J. Sivits, supplies; Harry Zimmerman, help in the stands; E. A. Miller, concessions; George Harkenrider, erecting and lighting the stands; and Assistant Chief George Doehla, traffic and grounds. Mr. Doehla also had charge of advance sales of tickets in the section of the plant east of Broadway, while Mr. Miller was in charge of ticket sales in the section west of Broadway.

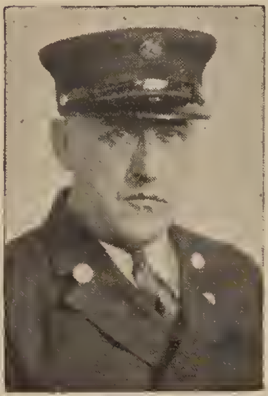
The concert by the G-E Band was an assured attraction at the event. The preliminary plans contemplated a water battle and a hose laying contest for the entertainment of the crowd, providing teams could be secured to oppose the G-E firemen in such events. At the date of going to press, cooperation of the weatherman was all that remained to insure success of the affair.

Ladder climbing team: D. Hamilton, captain; W. Meyers, T. Grimme, E. Rhodman, W. L. Glenn, C. Reynolds, C. Holes, C. Marketer, and C. Wisner.

Water battle teams: Team No. 1—W. Walt, captain; C. Boyce, and E. Hamilton; Team No. 2—V. E. McVay, captain; R. Ormiston, and H. Feaser.

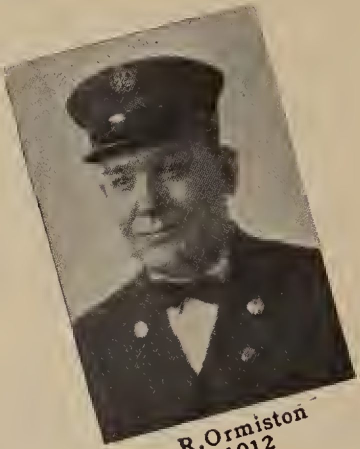
In the absence of our firemen at the convention the city fire department will respond to all fire alarms originating in our plants. However our plants will not be without local protection during this period for our patrol force and the following firemen now on the reserve list will stand ready for immediate action in case of fire: Broadway Plant, Otto Norwold, Otto Kirby, C. Strodel, K. Zink, P. O'Brien, W. Brockt, R. Gollmer, H. D. Murphey, E. J. Stroud, E. Yahne, E. Holmes, J. Johnson, C. Martin, and T. Merriman; Winter Street, C. Gettys, and C. Niblick; Decatur, C. Lutz.

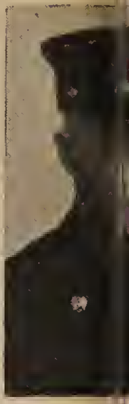
# Fort Wayne Works Volunteer Fi

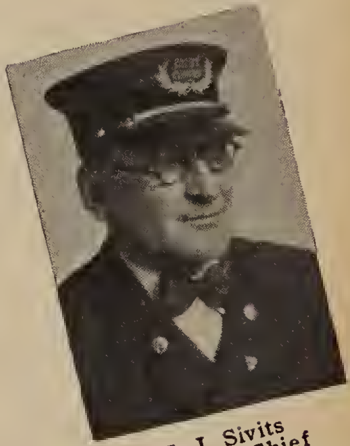

C. Strodel
1910

P. Weick
1910

C. Alters
1908


R. Ormiston
1912


J. S.


E. J. Sivits
2nd Ass't Chief
1905

H. Barnes
1914

G. Harkenrider
1918

F. G. Duryee
Sec. V. F. A.
1901

P. Grimme
Chief
1910

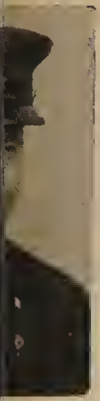
F. Braun
1916

A. Vagalues
1918

O. Shady
1916

C. H. Matson
Ass't to Gen. Supt.
1912

# Department, Ten Years’ Service

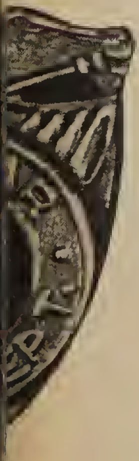


son

H. E. Hire
1915

H. Zimmerman
3rd Ass't Chief
1910

G. Doehla
1st Ass't Chief
1912



E. A. Barnes
Gen'l Sup't
1895

O. Nahrwald
1917

W. F. Melching
Pres. V. F. A.
1901

E. A. Miller
1917

S. Shives
1908

A. Nickerson
1918

W. Grover
1917

E. Holms
1909

E. J. Stroud
1915

O. Kirby
1917

FORT WAYNE
WORKS NEWS

*Published on the third Friday of each month by the General Electric Co. in the interests of the employees of the Broadway, Winter Street and Decatur Plants.*

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J. E. Hall........Quarter Century Club

Vol. 12 July 13, 1928 No. 7

## Safety Paragraphs

**Safety on Your Vacation—Take it Along**

SOME people regard Safety as excess baggage when they are out for a good time. That's why the Monday morning papers report so many accidents. That's why the day after a holiday is a heavy visiting day at the hospital. The emergency wards are full of people who thought that Safety was a nuisance.

Of course, Safety is a nuisance. It is annoying to stop at a railroad crossing to let a train pass; to wait for the green light at an intersection; or to recognize the other fellow's right-of-way. But it is a lot healthier.

The Doctor is a nuisance when he prescribes abstinence from coffee, tobacco or late hours. Sometimes it's aggravating to be reminded to wear your rubbers when you leave home on a rainy day. But you know that the advice is good.

Those who are careful while at work sometimes relax and fail to watch their step while at home. Many a man who drives carefully on the city streets feels perfectly safe in stepping on it when he is out on the country road.

Safety isn't a thing to be left in your locker. You need it at home and on your vacation.

There is no explosive like an accident. One accident may blast your hopes forever.

* * *

All of us have our ups and downs, the hardest of which are trying to keep appearances up and expenses down.

* * *

He who works safely will live long.

* * *

Our Lost-Time Accident Record for May of this year was about as bad as it was good for last year. Last year in May we had only four lost-time accidents, causing but 20 days lost time. We had twelve lost-time accidents in May of this year, causing 1300 lost days. Don't be discouraged. Keep up your pep and watch your step. Our total number to date for this year is just about the same as it was for the same period of last year and even with this bad record in May, the number of lost days is less than for the same period of last year.

The General Service Division, the Shipping and Receiving Divisions and Decatur did not have a lost-time accident in May.

The standing of the various divisions on June 1st based on the number of lost-time accidents is as follows:

| | |
|---|---|
| Decatur | 1 |
| Receiving and Shipping | 1 |
| Expense | 2 |
| Meter | 3 |
| Apparatus | 4 |
| Tool | 4 |
| Winter Street | 6 |
| General Service | 7 |
| Transformer | 11 |
| Fractional Hp. Motor | 14 |

L. C. SWAGER,
*Safety Engineer.*

## Absent Employees

Jess Simon, Bldg. 26-1, who underwent an operation at the Lutheran hospital, hopes to return to his home at 3536 S. Lafayette Street early in July.

Mrs. Isabelle Elder, Meter Dept., Bldg. 19-5, who has been confined to her home at 305 McKinnie Avenue for the past three weeks, is reported as improving.

John Beckman, Winter Street employee, has been absent from work for several weeks because of sickness. Up to this time improvement in his condition has been slow but all hope his recovery may now be speedy.

Henry McBratney, Small Motor Dept., Bldg. 4-2, who has been out for several weeks, is feeling better.

Charles Bouillon, Transportation Dept., has been confined to his home at 3323 S. Clinton Street for the past three weeks. He is improving and should be able to return to work soon.

George Schacker, Apparatus Dept., Bldg. 19-2, is a patient at the St. Joseph hospital, recovering from injuries received in an automobile accident. He will leave shortly for his home, 703 Home Avenue.

Mrs. Viola Jacobs, Small Motor Dept., Bldg. 4-3, is now at her home recuperating from a recent operation.

Mrs. Laura Van Isenberg, Meter Dept., Bldg. 19-5, is a patient at the Isolation hospital suffering from diphtheria. The reports are that she is getting along nicely. We hope she may soon resume her duties.

Mary Yost, Small Motor Dept., Bldg. 17-2, is a patient at the Adams County Memorial hospital, Decatur. She writes she is feeling better and will soon be able to return to work.

Evelyn Walters, Wire and Insulation Dept., Bldg. 8-2, has been confined to her home at Markle, for several weeks because of an injured ankle.

Everett Schultz, Winter Street plant, is now at the home of his mother in the country recuperating from a goitre operation. The latest word from his home was that he is feeling fine.

Lillian France, Winter Street, is now at her home, 1911 Webster Street, recovering from a recent operation.

Marion Kramer, Meter Dept., Bldg. 19-5, is now at the home of her parents recovering from an operation. She has been getting along fine and it should not be long until she is entirely recovered.

Colette Mettler, Meter Cost Dept., Bldg. 19-5, is a patient at the St. Joseph hospital where she underwent an operation. She has progressed so nicely that she soon should be able to return to her home, 121 E. Woodland Street.

Chester Stovall, General Service Division, has been sick for several weeks and unable to be at work. He has the best wishes of all for an early recovery.

Betty Sinnigan, Small Motor Dept., Bldg. 17-2, is at her home at Arcola, recovering from an operation. She reports that she is feeling fine again and is planning on returning to work soon.

Wayne Watt, Shipping Dept., Bldg. 6-2, who has been unable to be at work for several weeks, reports that he is feeling some better, but it is still impossible for him to return to work.

Edward Kuhn, General Service Division, has been away from work for the past two months on account of sickness. It may be some time until he is able to return.

## Inter-Works Safety Contest Has Shakeup

ANOTHER general shake-up in the positions of the Works is noted in the May report of the Inter-Works Safety Contest. York still leads the field, not yet having had any accidents this year. Baltimore, which made an excellent showing last month, dropped to the bottom of Division 1. The All Plants record dropped again to fourth place in Division 2.

Below is the rating for April. Improvement is designated by an asterisk (*).

| Division 1 | Division 2 |
|---|---|
| York | Bridgeport |
| *West Lynn | *River Works |
| Erie | *Pittsfield |
| Fort Wayne | ALL PLANTS |
| Bloomfield | *New Kensington |
| Baltimore | Schenectady |
| Philadelphia | Oakland |

## Patents Granted

THE following patents were granted in the names of General Electric employees by the United States Government.

*Schenectady*: J. M. Weed, electric welding; O. C. Traver, synchronizing devices; A. G. Darling, load control systems; O. Junggren, shaft packings; L. S. Walle, electric switches; E. G. Gilson, process for making X-ray anodes; C. J. Young, photo-electric photometers; R. M. Carothers, regulating systems; C. C. Clymer, safety systems for electric elevators; E. H. Freiburghouse, dynamo-electric machines; W. S. H. Hamilton, control systems for air compressors; C. C. Runner, control systems and apparatus for electrical devices; J. M. Weed, welding apparatus; O. Junggren, elastic-fluid turbines; A. N. Otis, metal pots; D. C. Prince, regulating apparatus; G. H. Howe, the treatment of metals; J. D. Hilliard, electric switches; L. W. Thompson, electric regulators; H. J. H. Huber, switching apparatus; H. J. Nolte and R. B. Prindle, electron-discharge devices; R. G. Anderson, locomotive or car trucks; J. M. Weed, apparatus and methods for gaseous reactions.

*Lynn*: W. W. Eisenwinter, centrifugal pumps and compressors; K. M. Holt, power installations; R. G. Standerwick, turbine-regulating means; J. Walsh, flow meters; C. A. B. Halvorson, Jr., signaling devices; J. Walsh, indicating instruments; H. L. Watson, electric furnaces; T. G. Whyte, constant current transformers; A. L. R. Ellis, driving mechanism; B. W. St. Clair and A. W. Hull, Schenectady, telemetric systems.

*Bridgeport*: L. A. Kempton, rotary snap switches; O. H. Van Amburg, twin light plugs; F. C. DeReamer, push-button switches; E. H. Lewis and C. O. Hull, non-metallic sheathed multiple-conductor cables.

*Pittsfield*: W. E. Laird, time recorders; H. R. West, induction voltage regulators; E. T. Treanor, electrical apparatus.

*Philadelphia*: H. Bany, control system.

*Cleveland*: J. F. Donovan, heat deflectors for incandescent lamps and similar devices; H. D. Blake and J. E. Stone, coating for glass surfaces.

*Bloomfield*: H. G. Knoderer, outlet or junction boxes; R. Brindle, methods of and mechanism for feeding beads.

*Erie*: W. W. Brown, methods of making contact tips.

## Many Benefit by G-E Insurance

BELOW is given a list of the beneficiaries of those G-E employees who held group insurance and whose deaths were recorded during the last period. Month after month the value of the group insurance is proved in actual cases. During this last period, $40,978.42 was paid out on free insurance policies and $50,500 was paid out on additional insurance policies, or more than $90,000 altogether. The total of claims paid since the plan first went into effect, in November, 1925, is almost two million dollars.

| Years | Date of Death | Employees | Age | Beneficiary | Free Ins. | Add'l Ins. |
|---|---|---|---|---|---|---|
| *Schenectady Works* | | | | | | |
| 26 | Mar. 18 | Joseph Zimnicki | 62 | Wife | Yes | No |
| 22 | Apr. 11 | Carlton A. Ostrander | 66 | Wife | Yes | Yes |
| 9 | Apr. 26 | Leon Sawickis | 56 | .... | No. | Yes |
| 38 | Apr. 29 | C. Fred Horstman | 65 | Wife | Yes | Yes |
| 32 | May 1 | Edward Matthews | 62 | Wife | Yes | Yes |
| 5 | May 7 | John Novak | 61 | Wife | Yes | Yes |
| 4 | May 8 | Ella M. Huntoon | 49 | Husband | Yes | Yes |
| 15 | May 16 | Milton N. Harvey | 60 | Wife | Yes | Yes |
| 28 | May 22 | Aaron K. Van Voast | 68 | Wife | Yes | Yes |
| *River Works* | | | | | | |
| 20 | Mar. 16 | Arthur L. Davis | 62 | Estate | Yes | Yes |
| 20 | Apr. 8 | Peter Shreenin | 53 | Wife | Yes | Yes |
| 2 | May 3 | Richard L. Horrigan | 19 | Mother | Yes | Yes |
| 18 | May 4 | Patrick Deveney | 60 | Wife | Yes | Yes |
| 1 | May 5 | John R. Murray | 38 | Cousin | Yes | Yes |
| 9 | May 11 | Patrick Diamond | 40 | Pending | | Yes |
| 11 | May 19 | Philias Poirer | 45 | Wife | Yes | Yes |
| 30 | May 21 | Nellie M. Goggins | 50 | Sister–Dep. | Yes | Yes |
| 19 | May 22 | Cecil Carter | 50 | Wife | Yes | Yes |
| *West Lynn Works* | | | | | | |
| 35 | Apr. 26 | Paul L. Gaudreau | 68 | Wife | Yes | Yes |
| 25 | May 5 | Wm. J. Edson | 49 | Wife | Yes | .... |
| 21 | May 11 | John P. McCarriston | 58 | Wife | Yes | Yes |
| *Pittsfield Works* | | | | | | |
| 3 | May 2 | Nicholas Carchedi | 34 | Father | Yes | No |
| 21 | May 26 | Michele Dezzanni | 59 | Cousin | Yes | Yes |
| *Erie Works* | | | | | | |
| 4 | Mar. 21 | Jonas I. Schumacher | 50 | Sister–Dep. | Yes | Yes |
| 14 | May 4 | Peter Weitz | 57 | Wife | Yes | |
| *Fort Wayne Works* | | | | | | |
| 11 | Apr. 2 | Edward B. Laemmle | 44 | Wife | Yes | Yes |
| 3 | Apr. 7 | Ethel Durben | 24 | Estate | Yes | Yes |
| 51 | Apr. 20 | James J. Wood | 72 | Wife | Yes | No |
| 10 | Apr. 28 | Charles S. Fletter | 32 | Wife | Yes | Yes |
| 21 | May 2 | John C. Beekner | 56 | Wife | Yes | Yes |
| 30 | May 5 | Samuel Richards | 48 | Brother | Yes | Yes |
| 4 | May 19 | James H. Ward | 29 | Wife | Yes | Yes |
| *Bloomfield Works* | | | | | | |
| 23 | May 12 | Ewald F. Hesse | 61 | Wife | Yes | Yes |
| *General Office—Chicago* | | | | | | |
| 6 | Apr. 21 | Helen A. Dailey | 31 | Husband | Yes | Yes |
| *Schenectady* | | | | | | |
| 29 | Apr. 25 | Alexander D. Lunt | 57 | Wife | Yes | Yes |
| 23 | May 7 | Fred M. Linde | 54 | Wife | Yes | —— |
| *Ohio Contract Purchase* | | | | | | |
| 1 | May 13 | Jean Goodell | 22 | Mother | Yes | Yes |
| *Incandescent Lamp Dept.* | | | | | | |
| 4 | Apr. 26 | David Baldori | 59 | Nephew | Yes | Yes |
| 2 | Apr. 29 | Frances Bleat | 23 | Disability | Yes | Yes |
| 8 | May 6 | Ferdinand Mayer | 30 | Wife | Yes | Yes |
| 1 | May 12 | Harvey Steffey | 18 | Mother | Yes | Yes |
| 23 | May 13 | Levi G. Fruth | 66 | Pending | | |

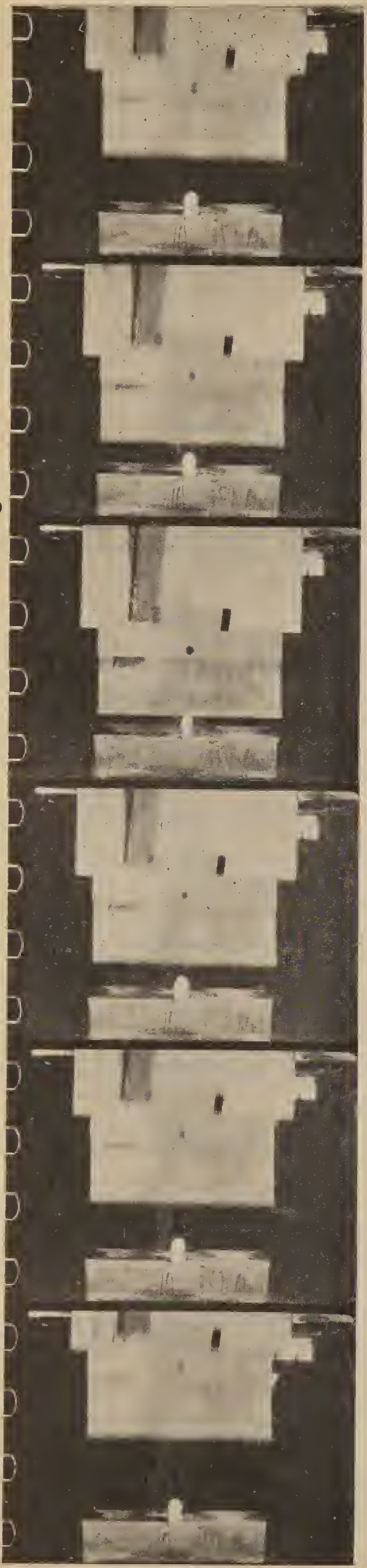
| | Free Insurance | | Additional Insurance | |
|---|---|---|---|---|
| | No. | Amount | No. | Amount |
| Claims paid month of May, 1928 | 38 | $ 40,978.42 | 36 | $ 50,500 |
| Previously reported, 1928 | 118 | 137,931.75 | 110 | 179,500 |
| Total claims paid 5 months, 1928 | 156 | 178,910.17 | 146 | 230,000 |

Total claims paid since Nov. 16, 1925 .......................... $1,982,058.86

# Now They Call it an Egg Beater - - New Style

This ponderous machine located at the Schenectady Works, moulds steel ingots and cracks eggs with equal precision.

*Above:* Placing the egg—strictly fresh—upon the block.



*Left:* Movie of the experiment, showing hammer descending on the egg and swiftly rising again in a fraction of a second.

*Below:* The "egg-beater" ready to whale the stuffing out of a huge ingot.

THERE was an old Greek king named Damocles, who once had a sword hung over his head by a thread. It made him nervous. But he had nothing on the egg which is shown in the photographs on this page lying on the block under a 12,000 pound hammer. The movie film to the left shows this enormous hammer descending on the hapless egg. Imagine the astonishment of all who were watching the experiment when the huge bulk stopped just at the top of the egg, touching it as lightly as a feather. When the egg was removed from the block it was found that its shell had been gently cracked—so gently that it still held its shape perfectly. The hammer was thereupon nicknamed "the eggbeater."

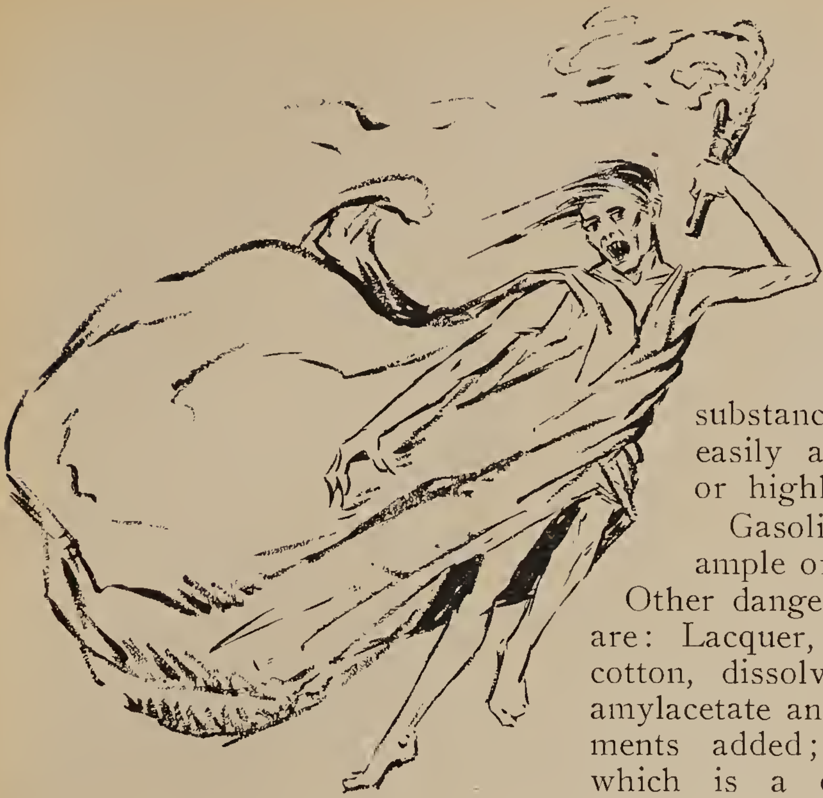
With a frame resembling the front legs of a bow-legged prehistoric monster, the machine, one might well imagine, can deal nothing but death and destruction. But man's ingenuity has added to its enormous power a delicate, almost feminine, touch. Thus we find combined in one machine the energy of hundreds of men and the precision of a Swiss watchmaker.

It stands, therefore, a monument to the marvelous progress of our machine age. Try to imagine two hundred men attempting to hammer by hand a piece of steel into a desired shape. It would be hopeless. In the ensuing confusion, the metal would be cold long before the men had made any impression on it. Now this huge machine with a few heavy strokes, forces ingots, of the size shown in the photograph, into the exact size and shape desired. Yet it is but one of the marvels hidden away in our shops. It is but one note—a deep one, to be true—in the great hymn of industry.

# Keep the Fire Demon at Bay!

By John J. Farmer,
*Chief, Plant Protection, Bridgeport Works*

*This article by Mr. Farmer, on the problems of fire prevention and control, is the first of a series of articles which will be published on plant safety problems. Experts in the various General Electric Works will write on the problems they know most about.*



In the year 1835, the first intelligent effort was made to prevent and control fires in manufacturing plants. Fire extinguishers, cotton fire hose and automatic sprinklers were then unknown. But one Zachariah Allen, owner of a cotton mill in Rhode Island, determined to make his mill as safe as possible from this menace. So he equipped the mill with perforated pipes through which water could run, and with every other appliance for putting out fires that he could find.

What wonderful strides have been made in factory fire prevention since that time! All possible sources of fire are now investigated. And in most factories a man especially qualified to care for fire prevention and equipment is employed.

The task of organizing and drilling a private fire department is no small one. It could hardly be considered a "cinch" job by anyone. It involves a tremendous responsibility. Fires must not only be extinguished when they get started; they must also be prevented, if it is possible, from getting started at all.

One of the things the man in charge of fire prevention must do is to make a special study of the fire hazards of his plant, hazards brought on by the nature of the work being carried on. For instance, he must be aware of all the volatile liquids used in his plant; volatile liquids being those liquid substances which vaporize easily and form poisonous or highly inflammable gas.

Gasoline is a typical example of a volatile liquid. Other dangerous volatile liquids are: Lacquer, which is nitrated cotton, dissolved in mixtures of amylacetate and acetone, with pigments added; pyroxylin plastic, which is a cellulose compound mixed with camphor and other solvents, and which changes rapidly into a dangerous gas that ignites at 300 deg. F.; japan, or its thinner, benzine, which is also highly inflammable.

All of these volatile liquids should be kept in approved safety cans, to lessen their danger. Water should never be used to extinguish fire in any of these substances. Fire Foam has been found to be the best extinguishing agent.

Drums of ammonia should never be stored in a building where fire might occur, nor under the rays of the summer sun. If the temperature around them should rise suddenly, there is apt to be a violent explosion with danger to anyone who happens to be nearby.

## Correction

*A previous article in this paper stated that participation in the new group life insurance plan is a mutual condition of employment for all men employees who have completed, or will hereafter complete, five years of continuous service,* except *those who, on July 1st, have been in the employ of the Company for at least five years and have then arrived at the age of 46. This is erroneous. The age is 45.*

Another dangerous hazard is sulphuric acid, which is the most widely used of all acids. Its vapors are very poisonous. In case a carboy of the acid is broken, care should be taken not to turn a stream of water on it, as great heat is involved and an explosion is likely. It is neutralized by chalk, lime or ammonia.

Sulphur (used in making rubber) should never be stored close to chlorate of potash. These two substances, if combined, will form a highly explosive mixture. The same result takes place if it is mixed with chlorate of soda or nitrate of potash.

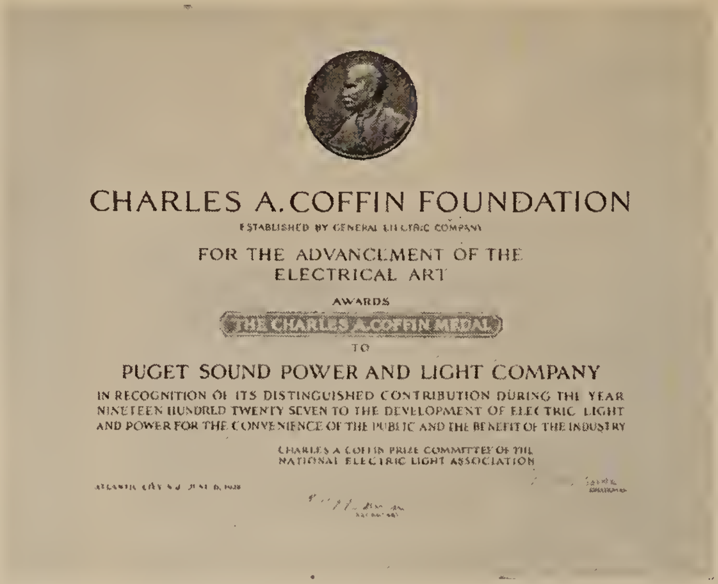
These are typical of the hazards which confront the industrial fire chief, each of them calling for a special kind of treatment. It is plain that he has a man's size job if he is doing it properly. Careful inspection, needless to say, is also an essential part of his duties.

The keeper of a certain hospital for the insane had a novel test for the sanity of his patients. A water faucet was opened, so that the water flooded the floor. He then gave his patient a mop and told him to mop up the water. Those who were not idiots turned off the water first.

This story has its application here. Fire *prevention* is the *faucet*. Fire *extinguishing* is the *mop*. The "mops" in the G-E plants are the best obtainable. Let us all do our best to see that the "faucet" is kept turned off.

**THE CERTIFICATE**

**This is the certificate of award which went to the Puget Sound Power and Light Company in recognition of its outstanding achievements during the year 1927. With the award went a check for $1000 for the employees' benefit association.**



CHARLES A. COFFIN FOUNDATION
ESTABLISHED BY GENERAL ELECTRIC COMPANY
FOR THE ADVANCEMENT OF THE
ELECTRICAL ART
AWARDS
THE CHARLES A. COFFIN MEDAL
TO
PUGET SOUND POWER AND LIGHT COMPANY
IN RECOGNITION OF ITS DISTINGUISHED CONTRIBUTION DURING THE YEAR NINETEEN HUNDRED TWENTY SEVEN TO THE DEVELOPMENT OF ELECTRIC LIGHT AND POWER FOR THE CONVENIENCE OF THE PUBLIC AND THE BENEFIT OF THE INDUSTRY
CHARLES A. COFFIN PRIZE COMMITTEE OF THE
NATIONAL ELECTRIC LIGHT ASSOCIATION

# Coffin Medal Goes to Puget Sound Company

THE Puget Sound Power and Light Company, of Seattle, which furnishes electricity to the State of Washington and to the Northwest, has been awarded the Charles A. Coffin Foundation gold medal for its outstanding achievements during 1927. The award was announced at the National Electric Light Association convention, on June 6th. It is the fifth annual award of the medal, made possible through the creation of the Charles A. Coffin Foundation in 1922, honoring the memory of our Company's founder.

The accomplishments of this company were spoken of in glowing terms. It was one of the first, for instance, to take an interest in rural electrification. Out of the 40,000 farms in its territory 63 per cent are electrified. Last year 3700 electrified farms were added by the construction of 337 miles of distribution lines.

The population served by its lines increased five per cent, yet a gain of more than 10 per cent was made in the number of customers served. The amount of energy sold last year increased 12 per cent.

Much of this increase was due to the devising of new uses for electricity in the rural territories. These included an electrical hot-bed for nurserymen, water heater and sterilizer for dairy farms, an under-heat brooder for use in the poultry industry, and many other devices.

In engineering, the company has also done many notable things. Because of the importance of the fishing industry, high-head plants on spawning streams had always been opposed, since fish ladders had been successful only up to 50 feet. In 1927 the Company built a fish-way which operated successfully at 290 feet, thus solving the difficulty.

It was also the first company to solve the problem of burning pulverized fuel. It installed one of the first carrier-wave systems on its mountain high-tension lines which has been of service many times to railroads and others when all other means of communication were severed. It has also made a record for maintaining uninterrupted service on its high tension lines over mountains where frozen fog becomes two feet thick on the towers and a foot thick on the conductors in winter.

With the medal was a check for $1000 from the Charles A. Coffin Foundation for the employees' benefit association of the Puget Sound Company.

The Age of Arc Welding
THE MORE YOU ARC WELD THE MORE YOU SAVE
GE

**The Big Job in July, for G-E salesmen, is to boost the sales of G-E arc welding equipment. This will be done by an intensive educational campaign which is designed to acquaint all possible customers, present and future, with the tremendous advantages of electric arc welding and of G-E equipment in particular.**

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# Mazda Lamp Prices Reduced For Eleventh Time

ON July 1st Mazda lamp prices were again reduced. Reductions average 14 per cent and apply to types which represent about 82 per cent of the total consumption of large Mazda lamps.

This is the eleventh time that Mazda lamp prices have been reduced since 1920. It brings their prices to less than half, or about 45 per cent, of the 1914 average.

This great reduction in price becomes even more impressive when one considers that during the same period the lighting efficiency of Mazda lamps has been tremendously increased, the cost of materials has gone up and the average wage paid to lamp makers has more than doubled.

It is because the public has concentrated the bulk of demand on the five lamps in the standard line of inside frosted Mazda lamps that our Company has been able to achieve increasing efficiency in mass production and greater economies in lamp distribution. The policy of the Company is that the savings thus achieved be shared with the public. This policy is again confirmed in the July 1st price reduction, which affords consumers savings of 3 cents and 5 cents on the most widely used types of Mazda lamps.

Following is a table which gives a comparison for the various sizes, of the old prices with the new.

| Lamp Size | Old Price | New Price |
|---|---|---|
| 25 watt | 23 cents | 20 cents |
| 40 watt | 23 cents | 20 cents |
| 50 watt | 25 cents | 22 cents |
| 60 watt | 25 cents | 22 cents |
| 100 watt | 40 cents | 35 cents |

Snapped on the set where Marion Davies and William Haines were making "Show World." *Left to right*—C. H. Lang, G-E, Schenectady; F. E. James, G-E, Los Angeles Office; King Vidor; William Haines; Miss Davies; Camera man John Arnold; W. E. Madden, and "Pete" Mole of the Mole-Richardson Electric Co.

## Lights in the Movies

*(Continued from page 3)*

ates equally well on alternating or direct current, the heavy investment and the operating expense of motor-generator equipment is no longer necessary.

And lastly, for "talking movies" it should be indispensable, because in these no sputtering sounds such as are frequently made by other types of movie lights can be allowed to "static" the "talking" part of the show. The incandescent lamps, of course, make no noise whatsoever.

Altogether, $150,000 was spent on these incandescent lighting tests, and it seems an enormous amount. But when one pauses to think that "Tillie's Punctured Romance" cost $650,000, that "King of Kings" and "Uncle Tom's Cabin" each cost over a million dollars, and that the average expense of a feature production is $350,000—the modest cost of these tests fades into insignificance. For from them will come movies of an ever improving craftsmanship and beauty.

In this new development General Electric has been a true Aladdin of the Electric Lamp to the movie industry.

## M. A. Oudin Decorated by King of Italy

MAURICE A. OUDIN, vice president of the International G-E, who has just returned from an extended stay in Europe, was signally honored by the King of Italy. Mr. Oudin is president of the board of trustees of the Italy-America Society of New York and has been active in promoting the technical and industrial relations between Italy and the United States, especially in making available to Italian graduate engineers the advantages of special education in our country.

M. A. Oudin

In recognition of his good offices in behalf of a closer international relationship and of the specific benefit to the engineering profession in Italy, Mr. Oudin was decorated with the Order of Commander of the Crown of Italy. This is an outstanding honor, as the rank of commander is a high one and but rarely bestowed upon a foreigner.

## Safety in Verse

*The statistics of accidents show*
*That nine-tenths are preventable, so*
*It will save pain and time*
*If you now read this rhyme,*
*Then heed it wherever you go:*

*First remember, most accidents come*
*From our being plain careless and "dumb"*
*And the way to prevent*
*That same ninety per cent*
*Is to keep your brains nimble not numb!*

*When you bathe, do not step on the soap*
*In the ill-founded optimist hope*
*That you'll turn in the air*
*Right side up and with care;*
*You're more likely to land on your cope.*

*If you wish to climb up to a height,*
*Get a ladder you're sure is all right:*
*They who balance some boxes*
*On chairs, get hard knockses,*
*And sometimes results are a sight.*

*Perhaps you have never yet been one,*
*To dose a cold when you begin one,*
*But for medicine, hark!*
*Never grope in the dark:*
*You'd better be coffin than in one!*

*Do not blow out the gas as some do,*
*Or you may leave your family quite blue;*
*When you think gas is leaking,*
*Do* not *go about seeking*
*With matches—they may not find* you.

*Don't leave rubbish in corners, on stairs,*
*Or where gas or a match ever flares:*
*Many fires are started*
*And relatives parted*
*By such tinder that someone prepares.*

*Do not jaywalk at all on the street,*
*It's a practice not many repeat:*
*Today's traffic is such*
*You need not jaywalk much*
*Before daisies grow over your feet.*

*When on street cars, do not disembark*
*As old Noah backed down from the ark;*
*If you face toward the past,*
*The trip may be your last;*
*Face front and advance your own spark*

*As concerns your own automobile,*
*Never "neck" while you're back of the wheel;*
*If you keep eyes and hands*
*Where your safety demands,*
*We'll* all *be better off, a great deal!*

*And when in the garage, never run*
*The car's engine to test what you've done,*
*Unless plenty of air*
*Circulates while you're there—*
*You may wake when the next life's begun.*

*These are some of the things to avoid*
*If you don't want your family annoyed*
*To have you pretty surely*
*Depart prematurely,*
*A badly bent jackasteroid. . . .*

Do *be careful, keep on the alert;*
*When you* are *hurt, take care of the hurt;*
*Learn first aid, learn to swim;*
*Live with vigor and vim—*
*But remember "grim" Death is a flirt!*

# Hints on the Fine Art of Sitting

## *That "Watermelon" Back is the Direct Result of Poor Sitting Posture*

By H. W. Garton, M. D.

There are styles in sitting just as there are styles in clothes; and the art of sitting has been influenced to a great extent by the types of chairs in vogue at different periods. This noble art has also been influenced, among peoples who have no chairs, by the very fact that they haven't any. Among the only true 100 per cent Americans (the Indians), the art of sitting was sedulously cultivated. The big chief Sitting Bull, for instance, was of championship calibre when it came to sitting, and he must have sat *correctly*, for when he felt like it he could leave his comfortable campfire seat and perform feats of real physical prowess. The time when he made General Custer famous by annihilating his army is a case in point.

Proper sitting posture is a subject of even more vital importance to industrial workers than it was to Sitting Bull, because many of us spend a third or more of each twenty-four hours sitting at a bench, a machine, or a desk. And it must be obvious that the events of this eight hours affect the remaining sixteen hours which are spent in recreation and sleep. The "watermelon" back observed in so many young individuals whose work requires long seating periods often indicates serious troubles.

What is proper sitting posture? Correct standing posture was described as follows: "Stand tall, with head up, chin in, chest high, abdomen flat, weight on balls of feet." If one assumes this posture and then sits down without changing the position of the body above the hips, his sitting posture will be correct—that is, the head will be erect, the ribs raised, back not rounded, and abdomen "in." This produces a straight trunk. The trunk should be at right angles to the thighs.

Maizie's posture is wrong for more than one reason. But the most important is that she's giving her spine a severe case of Varsity Sag.

Now about the part of your anatomy which you should sit on. There are two bony prominences, one on either side of the extreme lower end of the spine, which are especially constructed for bearing your weight while you sit. These bones, on some people, are well padded; and on others, not so well; but padded or not they are the sitting-down bones.

If you will take a minute to sit down on an ordinary straight-back chair, you can show yourself how easy it is to shift your weight from these bones to the tip of the spine, merely by slumping slightly, bowing the back a trifle, and allowing the pelvis to tilt backward. You are now sitting where you shouldn't, but where most people do.

I have described proper sitting posture in the *upright* position. The next important point to remember is how to sit when leaning forward, as when leaning over a desk or table. *All motion should be at the hip joints, not at any point along the spine.* Thus all parts of the trunk are still held in the same relative position. The only change is in the angle which the trunk makes with the thighs. In the upright position it is a right angle; in leaning forward, the angle becomes acute. Remember, if the bending forward occurs at any point in the spine, the ribs are lowered, the lungs are crowded, the abdominal muscles are relaxed, and the pelvis is tilted backward—in short, poor body mechanics takes place.

The same rules hold for the leaning back position.

With the coming of women in such large numbers into industry, it becomes even more necessary to spread the gospel of correct sitting posture. This is because women are particularly liable to get habits of incorrect posture. Many girls and women whose work requires long periods of sitting are all tired out at the end of the day, from improper posture alone, to say nothing of the work they've been doing. But if the modern girl will only make herself sit in the correct way during working hours, there is at least this consolation: she may drape herself with impunity, as only the modern girl can, over the long, low, underslung, overstuffed chair during her recreation hours. Just as she can don the toothpick heels for the heavy week-end dates if she has traveled with her heels close to the ground all during her working hours.

In concluding this series on posture, I wish to emphasize two points: first, that they have only served to outline the subject in a general way; second, that in order to acquire and maintain proper posture one must keep steadily at it. The muscles involved must become so well trained that they will automatically fall into the correct position. When the muscles are finally trained to this, it will be just as easy for everyone to have good posture as it is now for most people to stand and sit badly.

# GIRLS' SECTION

## Mae Wolfcale and Louise Hilger Elex Delegates

THIS year Elex Club members have chosen Mae Wolfcale and Louise Hilger to represent them at the Annual Summer Industrial Conference held at Camp Gray near Saugatuck, Mich., July 3rd to 13th.

Miss Wolfcale is employed as a universal winder in the Meter Dept., Bldg. 19-4. She has been with the Company for the past three and a half years and has been a member of Elex Club all of that time except the first year, and has taken an active interest in all club events. At present she holds the office of secretary of Elex Club and says she enjoys her work with the club very much.

Miss Hilger works for E. L. Simpson, Superintendent's Dept., Bldg. 18-1. During the whole of the four years she has been with the Company, Louise has been connected with this department. She has been an active worker in the club and last year was chairman of the service committee. She likes dramatics and took part in the play "Katy Did" presented by Elex Club two years ago.

Both girls like outdoor sports and are looking forward to the hikes, swimming, boating and games that are a part of the Industrial Conference as well as the discussion groups of which they will be a part.

Mae Wolfcale and Louise Hilger

## Elex Club Plans

THE social committee of Elex Club has planned an event for each month during the summer season. For July, a picnic is scheduled to be held in Swinney Park on the 11th. Immediately after work, the girls will hike out to the park, and after supper will go over to Triers Park and enjoy the amusements there. Tickets are twenty-five cents and can be purchased from members of the social committee.

On the week-end of August 11th and 12th, Camp Yarnell has been reserved for Elex Club members. This time, girls, there will be a camp cook and no one will be required to do K.P. duty. Nothing to do but enjoy yourself for one whole week-end. The round trip fare over the Pennsylvania Railroad is $2.20 and trains leave Fort Wayne at 12:55 p.m. and 4:30 p.m. central standard time. A camp fee of $1.50 is paid by each girl, 50 cents to be paid on registration and the remaining amount to be paid when camp is reached. See Marie Blough, Bldg. 26-2, phone 278, if you wish to spend a happy week-end at Camp Yarnelle.

Elex Club members should be sure to set aside Saturday afternoon, September 15th, for the Social Committee has secured the Zimmerman cottage, which is located in a beautiful spot along the St. Joe river, for an afternoon picnic. G-E trucks will leave the G-E at 2:00 or 2:30 p.m., (the exact time will be determined later). There will be a whole afternoon of fun, wading in the river, baseball and other games on land. Then a delicious picnic supper and a ride home in the trucks again. Tickets will be 25 cents.

**Play Safe!**

## TNT Club Regular Meeting

EDITH SCHREINER, Fractional Hp. Motor Dept., Bldg. 4-4, was hostess to the members of the TNT club at their monthly meeting at her home on Miner Street, June 11th. Bunco was the game of the evening, with the prizes going to Edna Etzler, Corrinne Schreiner, Florence Beneke and Edith Schreiner. The hostess served lunch to the following members: Edna Etzler, Corrinne Schreiner, Florence Beneke, Dewey Wickliffe, Gladys McMillan, Ireta Erwin, Bertha Heckler and Viola Haggerty.

## Elex Spends Week-End At Camp Yarnelle

ALTHOUGH the weather man sent a cold wind down from the north on the 2nd and 3rd of June, the Elex Club girls, who spent the week-end at Camp Yarnelle, report a glorious time.

Camp Yarnelle, the Y.W.C.A. Camp, is located in a shady spot on Winona Lake a mile and a half from Warsaw. There are two cottages; one containing the kitchen, dining room and living room with a fireplace, and the other cottage equipped with double deck beds enough to accommodate about forty girls. The bathing beach and boats give ample opportunity for swimming and boating and some of the girls were brave enough to take a dip in the cold waters of the lake. A tennis court and plenty of space for baseball or other games makes the camp an ideal place for outdoor sports.

All of the girls went up on Saturday afternoon. Some went by train while others drove up in machines. Mrs. E. E. Reeve, acting industrial secretary of the Y.W.C.A., chaperoned the party. Immediately after everyone had arrived, the girls were divided into groups, each group taking its turn in preparing the meals. As soon as the supper dishes were washed and put away the whole group, with the exception of Mrs. Reeve and

Jo Magers, who went in a machine in order to get supplies, hiked to Warsaw. On the way they visited the "Haunted House" which stands not so far from the camp, but were disappointed when nothing unusual happened. On returning from the hike a fire was kindled in the fireplace and the girls gathered around it and toasted marshmallows, sang songs and played cards. Sunday continued cold and most of the time was spent inside around the fireplace.

## Mildred Wickliffe Honored By Friends

IN view of her approaching marriage, the girls in the Transformer Dept. offices, Bldg. 19-2, honored Mildred Wickliffe with a dinner party on June 5th. The dinner was served at 6 o'clock in the private dining room in Bldg. 16-2. Mildred received a kitchen set from the girls as an expression of their good wishes. After the dinner the girls gathered around Alma Snyder, who read their fortune, completely putting their minds at rest on some important questions.

Present were: Mildred Wickliffe, Alma Snyder, Loretta Neeb, Mrs. Blanch Bower, Ella Somers, Dorothy Hormel, Rosamond Townsend, Gertrude Wagner, Zoa Dodane, Betty Holmes and Irene Stier.

## Edith Schreiner and Ireta Erwin Celebrate

CELEBRATING the birthdays of Edith Schreiner and Ireta Erwin, which occurred within a few days of each other, a group of our G-E girls employed in various departments at the Broadway Works, enjoyed a lunch at Ewing's and afterwards attended the show at the Emboyd Theater on June 6th. Both Edith and Ireta were each given a birthday gift by the girls.

Edith Schreiner, Ireta Erwin, Edna Etzler, Dewey Wickliffe, Corrinne Schreiner, Bertha Heckler, Viola Haggerty, Gladys McMillan, Mrs. Bertha Heller and Mabel Liggett were present.

## Mrs. Juanita Spice Honored

ON June 1st the girls in the Pay Roll and Accounting Depts., Bldg. 18-2, gave a farewell dinner honoring Mrs. Juanita Spice, who left on June 2nd that she might give her whole time and attention to her home duties. The dinner was served at 6 o'clock at the Catholic Community Center.

The following girls attended: Gertrude Traxler, Alma Olson, Vera Hevel, Dorothy Osborn, Leoto Boxall, Margaret Wehrle, Dorothy Bixler, Ruth Bell, Leone Quinn, Erma Somers, Naomi Armstrong, Dorothy Dungan, Helen Litot, Ann Walburn, Helen Gnau, Edna Voirol, Louise Borgman, Mrs. Ruby Kuhn, Mrs. Eva Overly, Mrs. Deloras Orr and Mrs. Spice. A lovely gift of linen was presented to Mrs. Spice by the girls.

## Accounting and Pay Roll Girls Enjoy Picnic

IMMEDIATELY after work on June 21st, the girls in the Accounting and Pay Roll Depts. hiked away to Triers Park. Each girl carried a package and when all these packages were opened and the contents arrayed on a picnic table a most delicious supper was spread before the girls. After supper the girls took in all the amusements in the park and everyone had a jolly good time.

Dorothy Bixler, Deloras Orr and Erma Somers were the committee who arranged the picnic. Besides these three, Alma Olson, Leota Boxell, Margaret Wehrle, Helen Litot, Gertrude Traxler, Ruth Bell, Ruby Kuhn, Dorothy Dungan, Naomi Armstrong, Ann Walburn, Edna Sarrazin, Louise Borgman, Helen Gnau and Leone Quinn were there.

## Weddings

### Fulton-Kraus

On May 12th, Edith Kraus, code clerk, and Harold Fulton, telegraph operator, Distribution Dept., Bldg. 18-1, were quietly married. For a couple of weeks they kept their secret, then someone in the Distribution Dept. discovered it and one morning when they came to work, both found their desks decorated. Their co-workers presented them a mantel clock. For the present the young people are residing with Mrs. Fulton's mother, Mrs. G. Kraus, Lafayette St.

### Quackenbush-Wickliffe

Mildred Wickliffe, Transformer Engineering Office, Bldg. 19-2, and Dale Quackenbush, of Ossian, were united in marriage on June 8th. The service was read in the Plymouth Congregational church in this city. They will make their home in Ossian, where Mr. Quackenbush is employed.

### Baden-Pierson

LaFern Pierson, Service Bureau, Bldg. 18-2, and John N. Baden, were united in marriage on June 21st.

### Romine-Engelman

Florence Engelman, Winter Street plant, and Dale Romine were united in marriage June 21st, Rev. Carson of the Methodist church officiating at the ceremony. Mr. and Mrs. Romine will make their home at 1605 Wells St.

### Bowman-Dungan

On June 23rd, Garnett Dungan, Order and Stores Dept., Bldg. 18-4, and Raymond Bowman, Apparatus Production Dept., Bldg. 19-3, were married. The ceremony was performed by Rev. Folsom at the Plymouth Congregational church. Following the ceremony a wedding dinner was served to the bridal party at the Catholic Community Center. Later the young couple left on a wedding trip keeping their destination a secret.

### Quinn-Ness

At St. Patrick's Catholic church, June 26th, Mary Ness, Fractional Hp. Motor Dept., Bldg. 4-4, and J. Warren Quinn were united in marriage, the Rt. Rev. Msgr. Joseph F. Delaney officiating in the double ring ceremony. Celya Ness, sister of the bride, was bridesmaid and Jack Renner attended as best man. Little Mary Catherine Reust, niece of the bride, served as flower girl and Clarence Klingenberger and Edward Quinn, brother of the groom, were ushers. Following the ceremony a wedding breakfast was served at the Catholic Community Center. After a wedding trip to Niagara Falls, New York City and other points east, Mr. and Mrs. Quinn will be at home for the summer with Mrs. Quinn's parents, Mr. and Mrs. Leo L. Ness, 126 W. DeWald St. Mr. Quinn is associated with the Wayne Knitting Mills.

### Bohley-Derr

St. John's Reformed church was the scene of a pretty wedding on June 27th, when Myrtle Derr became the bride of George Bohley. Rev. Rupnow read the marriage service. Mr. and Mrs. Alfred Storch were the attendants and little Ruth LaMasters was flower girl. Immediately after the wedding dinner the young couple left for Lake James to spend a short honeymoon. Mrs. Bohley is in the Distribution Dept., Bldg. 18-1.

*(Continued on page 21)*

## Deaths

OLIVE COLLINS, formerly a clerk in the Receiving Dept., died on June 4th, at the home of her mother, Mrs. Kate Collins, on Madison St. Miss Collins was born in London, England, and lived there until after the war when she and her mother came to Fort Wayne. Her brother, who had been in America for some years, worked here at our plant and through his acquaintance with our Company, Miss Collins applied here for work. She was given a position as clerk and typist for Sam Stocks, who then had charge of castings, beginning her service here on October 29, 1919. With changes in the organization, Miss Collins was transferred to the Receiving Dept., Bldg. 6-1, but continued on the same work until November, 1925, when failing health made it necessary for her to give up her work. Her death came quite unexpectedly, as she was apparently regaining her health.

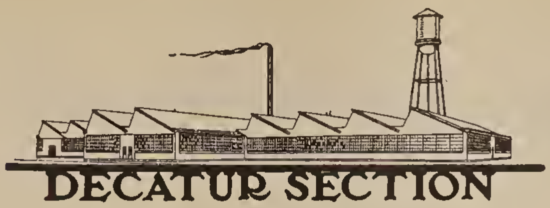
It is interesting to note that during the World War, Miss Collins was employed as an accountant in an airplane factory in London and had many thrilling experiences during the air raids by the enemy. Three of her brothers were in service—one with the English, one with the Canadian, and one with the U. S. troops.

## Plan Trip and Tournament

FOLLOWING their custom of having two golf tournaments each summer, the G-E Squares announce the first for this season on July 7th, at Decatur. The athletic committee, Gail Rowley, Glen Weimer and Ted Johnson, after considering a number of available golf courses, selected Decatur as the place.

Last year the two tournaments were played in Bluffton. The first was won by Wayne Wald and the second by Eric Anderson.

The social committee, T. N. Ness, chairman, R. D. Jones and H. K. Pritchard, has announced July 21st as the date for the first lake trip of the season.



## Band

AFTER a very interesting and enjoyable experience in playing at the Speedway Races, Indianapolis, on Decoration Day, the Decatur G-E Band opened a concert season at home, playing each Tuesday evening on Liberty Way, Decatur. The band also has been engaged to give bi-weekly concerts at the neighboring town Monroe, the Monroe concerts in July to be given on the 6th and 20th respectively. Under the able directions of Joe Danner, the Decatur G-E Band is rounding into a real musical organization.

Joe Danner

## Gecode Girls See Detroit

ON Friday evening, June 22nd, twenty-one of the thirty-five Gecode Club members left Decatur on their annual club outing, their selection this year being Detroit. They took the most direct route, via bus to Fort Wayne and thence by the Wabash R. R. to their destination. In Detroit, Saturday and Sunday were busy days for the girls. They were there with a single purpose, to see the interesting sights and enjoy the outing to the fullest. The Ford Airport proved most interesting, perhaps, but there was also much of interest in their bus sight-seeing trip about the city. A side trip into Canada and a good show at one of the large theaters in Detroit, rounded out a most interesting outing. The girls returned on the Sunday evening train from Detroit and were in their accustomed places in the plant on Monday morning. Olive Walters, president of Gecode Club, arranged the affair.

## Having Fishing Trip

CARL Baxter, Automatic Dept., Milton Brown, Stator Dept., and Keith Davis, Finished Armatures Dept., returned to work on June 25th, after a two weeks' camping and fishing trip through Central Michigan. The boys report excellent success in catching pike and bluegills and an all-round mighty good time.

## Weddings

### Merriman-Reffey

LELA REFFEY, Decatur Office, and Harry Merriman, foreman of the core room, Decatur Castings Co., were married June 30th, at 7 p.m. at the First Christian Church, Decatur, the Rev. Harry Thompson officiating. After a reception at the home of the bride's parents, the couple left on a trip to southern Indiana. Upon returning, the Merrimans will reside at 413 Mercer Ave., Decatur.

### Gage-Meyers

Margaret Meyers, Winding Dept., and Robert Gage, Tool Room, son of Bert Gage, were married, June 27th, at 8:30 a.m., at St. Mary's Catholic Church, the Rev. Seimetz performing the single ring ceremony. Following a dinner and reception at the home of the bride's parents, the couple left for a visit to Cincinnati. Upon returning, they will be at home at 109 North Fifth St., Decatur.

### Stucky-Snyder

Verona Snyder, Decatur office force, and Martin Stucky, Berne, were quietly married at the Evangelical Church, at Berne, June 14th, at 8 p.m. After the ceremony, a reception was held at their newly furnished home at Monroe. On Wednesday evening, June 20th, the office girls from Decatur enjoyed a pot-luck supper at the home of the Stucky's. Everyone had such a delightful time that it was a late hour before the girls noticed it and left for their homes, wishing Mr. and Mrs. Stucky success and happiness in their married life.

# JUNIORS' PAGE

The Three Miller Boys with Their Pets

Dear G-E Juniors:

No doubt all of you know the many different kinds of fruit when you see colored pictures of them in seed catalogues, books and magazines, and now, I wonder, how many of you will recognize these fruits when they are drawn in outline. In the puzzle on this page, a number of fruits that you are all familiar with are outlined. See if you can name them and tell when they ripen.

I think all of you must have liked the food puzzle we had last month, for almost everyone sent in correct answers. The names of the good things to eat that we found in the puzzle are: a loaf of bread, an egg, a carrot, an apple, a potato, a bottle of milk and lettuce. In the drawing of names for prizes Celeste Schwartz, Marie Schwartz, Helen Hickman, Pansy Plant and Don Black were winners. I also received letters from some new G-E Juniors, Ruth Kimmel, Dorothy Lebrecht, Dorothy Gephart and Elmar Devaux, the little brother of Albert Devaux who won the baseball glove this year, are new Juniors. I also received nice letters from Virginia Blackburn, Gene Platt, Dale Masel, Ruth Rose, Gladys Mosshammer, Gerhardt Lebrecht, Dorothy Eylenberg, Helen Mundt, Catherine Offner, Evelyn Mueller, Ruth Eylenberg, Alice Mae Seibold, Dorothy M. Aldridge, Albert Devaux, Bernice Moore, and Ruth Swank, all from Fort Wayne, and Dorothy Miller, Catharine Jackson, Mildred Hesher and Gilbert Egley from Decatur. Some of you forgot to tell me how old you are and who brings you the G-E News.

I enjoyed reading all your letters so much. Dorothy Miller sent me a picture of her three brothers and their pets, a lot of little bunnies. Thank you very much, Dorothy. I like the picture. Albert Devaux said he was enjoying his baseball glove very much and Dorothy Miller and Mildred Hesher told me again how much they liked their prizes.

Now that school is out I know you are all busy playing outdoors, and maybe some of you will go away during vacation. Write to me and tell me what you are doing these long summer days, and don't forget to solve the puzzles and send me your solutions.

Sincerely,

Jill

## The Hayloft

*Through all the pleasant meadow-side*
*The grass grew shoulder-high,*
*Till the shining scythes went far and wide*
*And cut it down to dry.*

*These green and sweetly smelling crops*
*They led in wagons home;*
*And they piled them here in mountain tops*
*For mountaineers to roam.*

*Here is Mount Clear, Mount Rusty-Nail,*
*Mount Eagle and Mount High;—*
*The mice that in these mountains dwell,*
*No happier are than I!*

Juanita Hilton, Decatur Junior

*O what a joy to clamber there,*
*O what a place to play,*
*With the sweet, the dim, the dusty air,*
*The happy hills of hay!*

Robert L. Stevenson.

## Johnny's Toothache

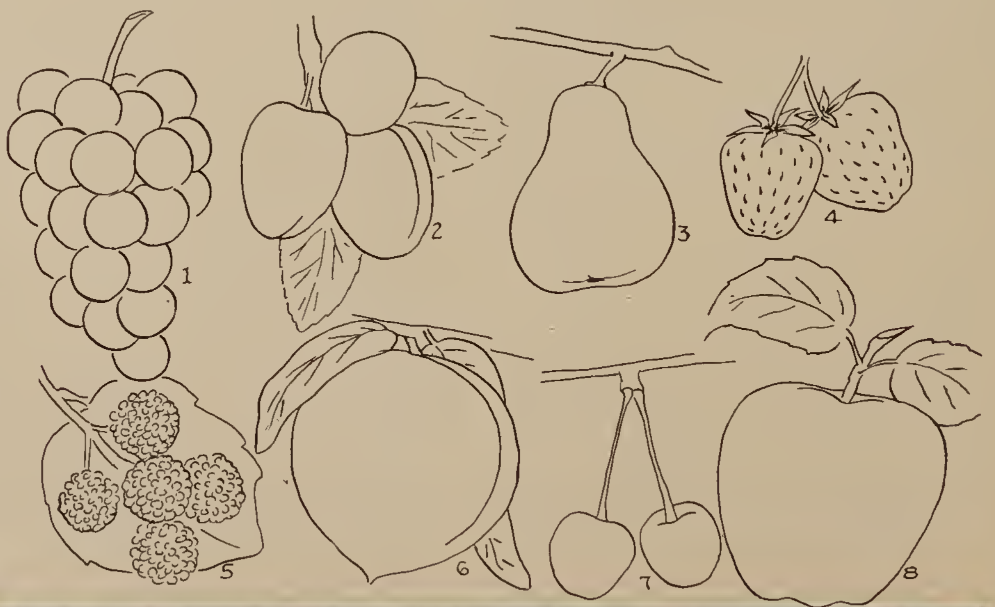
*Little Johnny had a toothbrush,*
*And he hung it on the wall,*
*Morning, noon and night it stayed there,*
*And he used it not at all.*

*But one day when at the table*
*He began to scream and cry,*
*"Oh, my teeth! They hurt me,*
*Mother dear, I know I'll die."*

*So his mother took him to the dentist,*
*But the dentist shook his head,*
*"Too bad! Too bad! Johnny,*
*You must lose them all," he said.*

*It may be too late for Johnny,*
*But it's not too late for you,*
*So use your toothbrush five times daily,*
*Now will you? Will you? Will you?*

—Dental Hygiene.



CAN YOU NAME THESE FRUITS AND TELL US ABOUT WHEN THEY RIPEN HERE?

## C. I. Hall Heads Firm

CHESTER I. HALL, for many years in charge of the Developmental Laboratory, became president on June 1st of the Hall Electric Heating Company, organized to exploit the Hall System for heating buildings by electric heat and the Hall System of utilizing electric energy for heating water for domestic purposes.

C. I. Hall

Mr. Hall came to Fort Wayne Works September 1, 1913, to continue work on design of demand indicating and demand recording instruments which he had developed and which until then had been manufactured and marketed by a company in Chicago. The manufacture of these demand devices, which we now know as demand meters, was at once begun here. In the intervening years many improvments in the original designs have been made by Mr. Hall and his assistants and several new types of demand indicating and recording instruments have been developed here under Mr. Hall's direction. Also during this period many relays, time switches, traffic signal timers and other special devices have been produced in our Developmental Laboratory. Especially notable among these products is the disc phonograph motor.

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## New Piece of Equipment Installed

A NEW piece of mechanical apparatus to massage the body has been installed in the G-E Club. This piece of equipment is driven by a General Electric fractional horsepower motor, and the energy with which the massage is given, is adjustable. At present the machine is installed in the projection room on the second floor of the G-E Club building. Its use is free to all club members.

## Girls' Section

(Continued from page 18)

### Braun-Denny

Nadine Denny, Radio Transformer Dept., Bldg. 26-2, and Herman T. Braun, payroll clerk at the Dudlo Mfg. Co., were married June 24th. Immediately following the ceremony, Mr. and Mrs. Braun left for Richmond, the home of Mrs. Braun's parents. From there they went to a nearby lake for a short honeymoon. Several days preceding Mrs. Braun's marriage, her co-workers gave a parcel post shower for her, each girl sending a gift by parcel post to Mrs. Braun.

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### Meter Dept. Girls Picnic at Blue Lake

ON June 27th, a group of girls from the Meter Dept., Bldg. 19-4, motored to Blue Lake immediately after work and enjoyed a wiener and marshmallow bake. In the group were; Josephine Magers, Mildred Magers, Lola Cook, Velma Cook, Rosemary Schnept, Tillie Yeske, Cecil Pio, Mildred Bueker, Lulu Roller, and Beulah Kupp.

## Athletics

### Dudlo Wins First Round of Industrial Baseball League

The Dudlo nine nosed out the Pennsylvania team for the championship of the first round of the Industrial League in the final game of the half and in the tenth inning after the Pennsy sluggers had tied the score in the last half of the ninth. The G-E nine after losing their first four games won two in a row to finish in fifth place. The standing of the teams at the end of the first half follows:

| | Won | Lost | Pct. |
|---|---|---|---|
| Dudlo | 6 | 1 | 857 |
| Pennsylvania | 5 | 2 | 714 |
| International Motors | 5 | 2 | 714 |
| Bowser | 4 | 2 | 666 |
| G-E | 2 | 4 | 333 |
| Wayne Knit | 2 | 4 | 333 |
| Wayne Co. | 2 | 5 | 286 |
| Western Gas | 0 | 6 | 000 |

Upon competition of the first round the league was divided into two sections those finishing in the first division comprising section A and the balance of the teams forming section B. The G-E nine got off to a good start in the second round winning their first two games and should fight it out with Dudlo in the post season games. The standing of the teams in the second round follows:

DIVISION A

| | Won | Lost | Pct. |
|---|---|---|---|
| International Motors | 2 | 0 | 1000 |
| Bowser | 1 | 1 | 500 |
| Pennsylvania | 0 | 1 | 000 |
| Dudlo | 0 | 1 | 000 |

DIVISION B

| | Won | Lost | Pct. |
|---|---|---|---|
| General Electric | 2 | 0 | 1000 |
| Wayne Co. | 1 | 1 | 500 |
| Wayne Knit | 1 | 1 | 500 |
| Western Gas | 0 | 2 | 000 |

Eddie Kammeyer, the fleet-footed outfielder of the G-E nine, is leading the regulars in hitting with an average of 428 for five games. Bubb follows with 417. The individual averages of the players are shown in the table at the bottom of the page.

### Interdepartment Baseball League

Three teams are tied for first place in the Interdepartment baseball league. In spite of the bad weather this spring the games have been interesting and well played and considerable interest is being shown in the league. The standing of the teams to date follows:

| | Won | Lost | Pct. |
|---|---|---|---|
| Small Motor | 4 | 1 | 800 |
| General Service | 4 | 1 | 800 |
| Winter Street | 4 | 1 | 800 |
| Apparatus | 3 | 2 | 600 |
| Meter | 2 | 3 | 400 |
| Transformer | 2 | 3 | 400 |
| Apprentice | 1 | 4 | 200 |
| G-E Squares | 0 | 5 | 000 |

### Indoor Baseball League

Indoor baseball, played outside, is fast becoming a popular sport among employees of this plant. Played according to regular baseball rules, with but a few changes, it is developing into a real sport. Last summer marked the initial appearance of this game among our boys and like any new game, many changes were found necessary in order to make it a real interesting sport. This year with practically all objectionable parts of the game eliminated the league composed of six teams is enjoying a most succesful season. Scores are close, and interest and enthusiasm runs high among the players. At this writing the Main Office with three wins and no defeats is showing the way. The league can and should have at least two more teams. Come on, fellows, get your teams together, and call Paul Berghorn, 18-5, phone 252.

| | Won | Lost | Ave. |
|---|---|---|---|
| Main Office | 3 | 0 | 1000 |
| Apprentice | 2 | 1 | 666 |
| Squares | 2 | 1 | 666 |
| Tool Design | 1 | 2 | 333 |
| Apparatus | 1 | 2 | 333 |
| Transformer | 0 | 3 | 000 |

### Individual Averages

| | G | AB | H | Ave. | R | PO | A | E | Ave. | 2B | 3B | HR | SB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kammeyer | 5 | 21 | 9 | 428 | 8 | 17 | 0 | 2 | 895 | 0 | 3 | 1 | 7 |
| Bubb | 4 | 12 | 5 | 417 | 1 | 21 | 1 | 1 | 956 | 1 | 2 | 0 | 1 |
| Myers | 6 | 24 | 9 | 375 | 5 | 59 | 5 | 2 | 970 | 1 | 0 | 0 | 3 |
| Glenn | 8 | 35 | 12 | 343 | 8 | 13 | 17 | 7 | 812 | 1 | 3 | 1 | 2 |
| Enders | 8 | 37 | 12 | 325 | 11 | 10 | 13 | 6 | 794 | 3 | 1 | 1 | 3 |
| Crowell | 6 | 13 | 4 | 308 | 3 | 5 | 2 | 1 | 875 | 0 | 0 | 0 | 0 |
| Roembke | 4 | 15 | 4 | 267 | 1 | 21 | 0 | 0 | 1000 | 1 | 0 | 0 | 2 |
| C. Holmes | 8 | 28 | 7 | 250 | 5 | 8 | 13 | 2 | 914 | 1 | 1 | 0 | 6 |
| Chandler | 8 | 26 | 6 | 231 | 5 | 22 | 2 | 3 | 888 | 2 | 0 | 0 | 1 |
| Lindenberg | 4 | 11 | 0 | 000 | 0 | 4 | 3 | 0 | 1000 | 0 | 0 | 0 | 0 |

# The more you arc weld the more you save

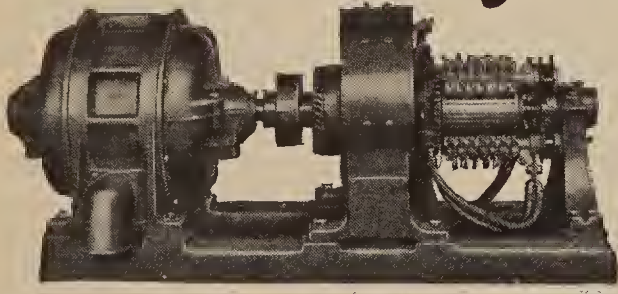
The more you arc weld, the more you save! The realization of this basic truth is rapidly and radically changing the nation's manufacturing methods.

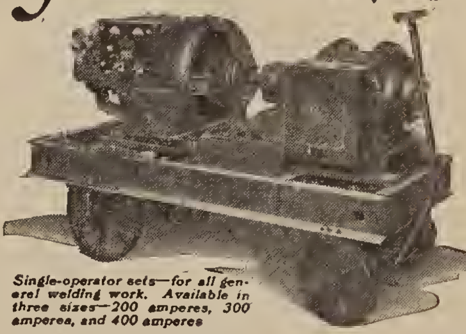
The "Arc Welding Age" has, to a large extent, come into existence as a result of developments by the G-E research laboratories and G-E welding engineers.

General Electric perfected the standard arc welding sets used to-day. It developed the automatic arc welder and made the first successful application of it.

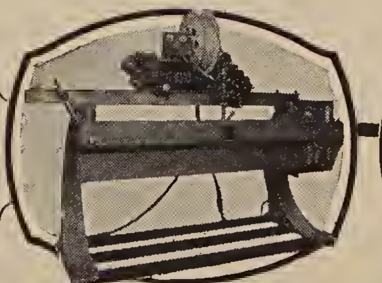
It originated the atomic-hydrogen arc welder. It's great research laboratories and its welding engineers are constantly working to develop new equipment and to discover new applications. Its arc welding school is making an invaluable contribution to better welding practice.

We present here a picture that indicates the completeness and the leadership of G-E arc-welding equipment and arc-welding service. Let the nearest G-E office be your headquarters for your every arc-welding requirement.


Multiple-operator sets—for simultaneous welding by a group of operators or for supplying power to automatic arc welders. Available in standard sizes from 400 to 1500 amperes

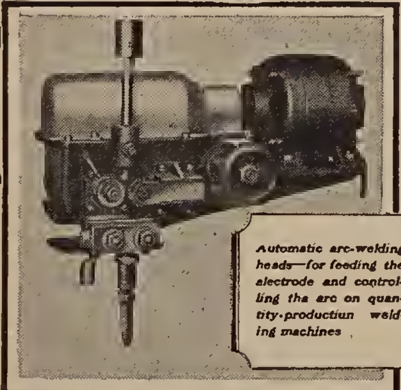

Single-operator sets—for all general welding work. Available in three sizes—200 amperes, 300 amperes, and 400 amperes

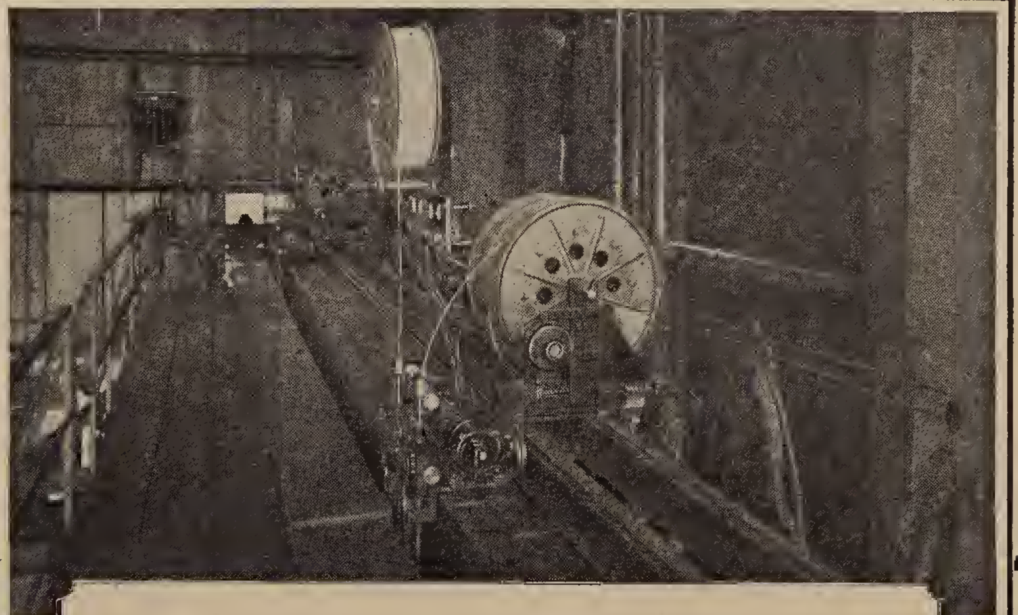
Electrodes—Type "F" for general welding of steel; Type "A" for welding cast iron; Type "B" for unequalled results in automatic welding

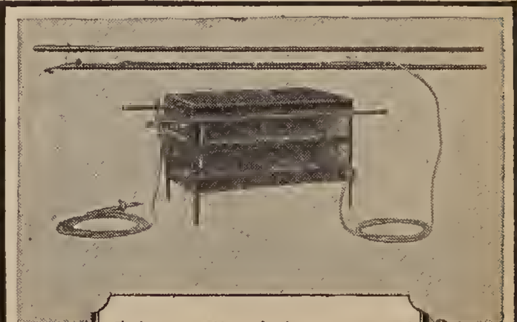

Automatic arc-welding machine—for quantity production of small tanks and pipes

Atomic-hydrogen arc welder—for welding very thin metals or metals and alloys hitherto considered unweldable

Accessories for the welder: helmets, face-shields, electrode holders, welding cable, etc.


Automatic arc-welding heads—for feeding the electrode and controlling the arc on quantity-production welding machines


Large, multiple-head, arc-welding machine—for quantity production of tanks and pipes. The largest automatic arc-welding machine in use to-day. Equipped with four heads which simultaneously weld longitudinal seams on large steel pipe


Resistor arc welders—for the maintenance and repair departments of mines and street railways. Operate directly from trolley circuits

G-E Research Laboratories. Constantly at work in the interest of better arc welding

G-E arc-welding school. Free instruction. Conducted in the interest of better welding

530-40 D

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, SCHENECTADY, N. Y. SALES OFFICES IN PRINCIPAL CITIES

*The third of the Special Sales Campaigns of the Industrial Department features Arc Welding during the month of July.*
*This advertisement is one of a series in industrial magazines during the campaign.*

The G-E News

August 17, 1928

# On the Cover

IN the Meter Dept. one finds interesting and ingenious work being done on every side. And one of the most ingenious devices manufactured there is the M-10 Demand Meter Register. This device takes the place of the regular register on a watthour meter to transform it into a watthour-demand meter. The M-10 Demand Meter Register combines the conventional register mechanism of the watthour meter with demand timing and indicating elements. There are some 200 pieces in this device which Mrs. Leona Herman is shown assembling on the cover of this issue, but she handles only about forty separate parts, as certain parts are assembled into units before Mrs. Herman and the others, who do this work, begin the complete assembly. This is one of the most exacting assembly jobs found in our Fort Wayne Works. The parts are small and comparable in many ways to those used in high-grade clocks. The adjustments between the various parts must be made with that precision required in the assembling of a time-piece, and to handle the parts requires a dexterity that is scarcely ever acquired by men. Naturally, nearly all of the operators in this department are girls. And it requires real skill for these girls to assemble a dozen of these device's in the course of a day.

Mrs. Herman has worked on this and similar demand meter register assembly during nearly all of her eight years' service here at the General Electric. She produces about the same number of completed units each day as the other skilled operators, but she has to her credit a record of practically no rejected work. She has attained that degree of skill that gives practical assurance that her work will pass the most rigid inspection. Her ability and patient, kindly manner fit her admirably to serve as instructor for new operators, and accordingly, she is often selected to start the new girls. Those in charge of demand meter manufacture have only the highest praise for Mrs. Herman and her work.

GENERAL ELECTRIC
NEWS
FORT WAYNE WORKS

Vol. 12 August 17, 1928 No. 8

Henry J. Peters

W. F. Nieman

John C. McNulty

Charles L. Houser

August F. Mayland

# Five Join Quarter Century Club

THE local section of the G-E Quarter Century Club has recently added five new members, bringing its total to 166. Twenty-four of these members are deceased; twenty-one are now pensioned and on the retired list and former General Manager F. S. Hunting holds honorary membership. This leaves 120 who are actively engaged at their respective jobs in the production of things electrical.

The new members are Charles L. Houser, of Bldg. 26-5; August F. Mayland, of Bldg. 26-4; Wilaim F. Nieman, of Bldg. 26-4; John McNulty, of the Foundry at Winter Street, and Henry Peters, of Bldg. 17-4.

### W. F. Nieman

It was on May 9, 1903, the records indicate, that William F. Nieman, inspector in the Meter Dept., began his service here at our General Electric plant, and in all of the intervening twenty-five years he has been connected with meter work. He first was employed in the Old Lab., Bldg. 16. For several years he inspected meter parts when they were manufactured in Bldg. 2, and moved with meter work to Bldg. 19, when the new quarters were ready in 1917. He is now a leading operator among the group of inspectors working on meter parts under Foreman K. Thompson in Bldg. 26-4.

This inspection of finished parts, which Mr. Nieman has followed for so many years, is very exacting and at the same time of great importance in assuring proper functioning of the meters when they are assembled and ready for test, and again when they take their place in service. Such exacting work during the course of the day brings the need of wholesome recreation in after hours. Mr. Nieman finds much of his recreation in bowling. For years he has been an enthusiast for this sport, and his care and attention to the game has made him one of the most consistent bowlers in the Meter bowling league. The secretary of this league says that for four or five consecutive years, at the end of each season, Mr. Nieman has been found with a bowling average that places him among the first ten.

### John C. McNulty

John C. McNulty is a molder working in our brass foundry at Winter Street. He started his service here on June 1st, 1903, in the foundry at its original location, Bldg. 7, here at Broadway, when there were only seven men in the foundry force and Ed Kohlmeyer was foreman.

Before commencing work here, Mr. McNulty says he had worked in thirty-six different states. He learned the molder's trade at the Bass Foundry in 1884. He also worked at Kerr-Murray's and for a time operated a small foundry of his own in South Omaha, Nebraska, before coming here to the Electric Works. In the twenty-five years that he has been employed here he has seen modern molding machines take the place of the old "tubs" and the flasks that had to be turned by hand, and oil-fired furnaces take the place of coke-fired furnaces, the former being replaced in more recent years by modern gas-fired furnaces.

The moving of the foundry from Bldg. 20, west of Broadway, to the present site at Winter Street plant, brought Mr. McNulty's work nearer to his home which is at 1531 Lumbard Street. Incidentally, Mr. McNulty mentions that he also owns the "Cathleen" Cottage, which stands on the hill overlooking Snow Lake, and assures us that General Electric folks are always welcome there.

### Henry J. Peters

Henry J. Peters began work at the General Electric in the old Laboratory, now known as Bldg. 16, but that was in the days when the building was only one-half of its present size, and it was the factory for the production of the Fort Wayne watthour meters, voltmeters and ammeters. The records have it that Mr. Peters started on June 1, 1903. His first job in the Laboratory was that of finishing meters. For a number of years

Mr. Peters worked in the Meter Dept., advancing in turn from finisher, tester and checker to inspector. Toward the end of such period he did some little road work for the Company, testing customers' meters.

About 1911, Mr. Peters had the opportunity to take a job as assistant to Foreman Charles Hellman, who then had charge of the department that wound all small coils used in our watthour meter, transformer and fractional horsepower motor products. Approximately a year later, Mr. Peters was placed in charge of the shop tools. He started in with the original tool coop in Bldg. 2, but soon two new service coops were established in the new factory building, Bldg. 17, and the first Tool Supply headquarters, serving all the tool coops at the Plant, was established in Bldg. 17-1. When Bldg. 19 was erected the Tool Supply headquarters was moved over there to its recent location on the 3rd floor. Here the tool headquarters remained until January of this year at which time it was moved to Bldg. 6-1. Mr. Peters then became a member of the Tool Division, established under the general supervision of B. C. Evans, in Bldg. 17-4; however, he remains as the foreman of the Tool Supply Dept., which takes care of gauges as well as small tools, and has under his immediate charge the tool station in Bldg. 6 and all of the service coops at Fort Wayne Works.

### Charles Houser

In 1901, Charles Houser started to work here at our Plant under Foreman John Bauer, but only stayed a few months when he quit and went elsewhere. On the 21st of August in the next year he came back and has a continuous service record from that day to this. When he returned in 1902, they soon placed him on the job of painting "Wood" Arc machines. As time went on and different types of generators and motors were developed, he continued on the job, working in turn under August Kayser, William Brennan, Charles Brenner, William Schultz and William Thain. Summing up, he finds that it was approximately seventeen years that he painted machines. Then he took a course of instruction in our Specialists Training School where he learned to operate a lathe. He was given a position as a lathe operator, turning shafts in the Induction Motor Dept. When the induction motor manufacture was moved to another Plant, Mr. Houser was transferred to the Special Machine Dept. in Bldg. 26-5, and there you will find him regularly at his place at a lathe. For a vacation, Mr. Houser says that his favorite spot is Indian Lake in Ohio, but it is not the popular amusement sections and the crowds thereabout that attract him. He says he likes to get on one of the pretty little islands away out in the lake.

### August F. Mayland

Mr. Mayland, who began his unbroken service record with our Company on October 21, 1902, had a very close connection with our Company as early as 1885, when he took employment with the Star Iron Tower Co. In the early days of arc lighting, that company built towers for supporting the arc lamps. Many will recall one of these iron towers with four arc lights at the top, which stood for years in Swinney Park. Later, Mr. Mayland worked on incandescent lamps here at our Broadway Plant and also worked for Mr. Slattery on meters. However, Mr. Mayland broke his initial service record in 1900 by leaving here and going to Lafayette, Indiana, to work for the Duncan Electric Co. On coming back and rejoining our organization he worked on some of the developmental arc lamp models for Mr. Wood. Later he worked on the SA regulators, and for a time did some of the work on developmental models of the Audiffren ice machine. Some ten or twelve years ago he was transferred to the Meter Division and ever since then has been employed on developmental models in that department which is now located in Bldg. 26-4.

### Vision and Success

*Vision plays an important part in business success. The man who looks not only ahead but all around him, will see opportunities that are entirely missed by men engrossed in the petty routine of immediate affairs.*

—*The Ambassador and Publicity Digest*

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## Association Island

THIRTY-FOUR men of Fort Wayne Works attended the Company conferences at Association Island this summer. There were four separate camps at which our Works was represented. At each camp a different phase of work was under consideration and the men in attendance at the respective camps were those whose regular work was closely related to the subjects scheduled for discussion.

The Association Island conferences give the men assembled there from the different General Electric plants an unusual opportunity to become personally acquainted. A rule of the camp is that those from a Plant must not sit together in the dining hall, and the plan of assigning sleeping quarters further carries out this scheme of bringing men from different Plants into close acquaintance. The three or four days at the Island is a distinct privilege for anyone selected to go.

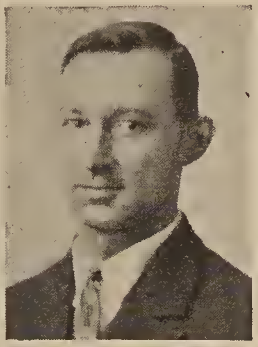
Those from Fort Wayne Works who attended the camps this summer were:

Camp Service, June 23rd–27th, E. E. Miles, J. C. Grossjean, A. J. Rose, E. L. Locker; Camp Manufacturing, July 5th–9th, W. S. Goll, J. W. Crise, E. J. Graham, A. M. Snodgrass, Wilbur Young, H. E. Hire, Robert Wylie, Bert Gage, L. A. Erickson, O. L. Weitzman, Frank Grothouse, W. J. Hockett, W. F. Melching, Howard Miller, J. H. Breidenstein, Clarence W. Hale, I. H. Freeman, Omer J. Mettler; Camp General, July 14th–18th, W. S. Goll, P. C. Morganthaler, R. H. Chadwick, P. O. Noble, C. H. Matson; Camp Engineering, July 18th–22nd, P. C. Morganthaler, A. L. Hadley, T. T. King, Robert Steck, V. J. Tuttle, C. V. Zieg, M. J. Payton, Joseph Eitman, C. F. Beyer, Dr. H. W. Garton, camp physician at Camp Engineering.

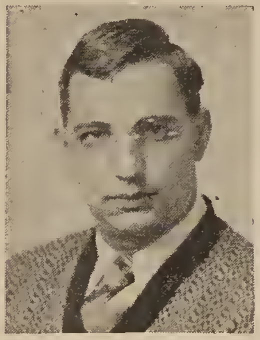
# "A Better Way" Brings A Suggestion Award

Wm. H. Schwalm

Frank Gable



Arthur Bear



Harold Guillot

THE largest suggestion award for the past month was given to Arthur L. Bear, of Bldg. 4-1, on a suggestion that he had turned in, December 7, 1926. The delay in the making of the award was caused by unusual circumstances. Mr. Bear's suggestion was that equipment similar to some already in use in our shop be used to stack the iron for the stators of RSA motors. However, to put Mr. Bear's suggestion into practice in this instance, required development of some equipment to previously separate the stator and rotor punchings. For a time, production on this line of motors did not merit the expense of building this new equipment. Mr. Bear's suggestion, however, was kept in mind. During the past month the new equipment was installed, everything proved satisfactory, and the award of $50 was made to Mr. Bear.

Harold Guillot, of Bldg. 26-2, presented a suggestion to change the operation of testing certain radio transformers for grounds and shorts. His idea was to eliminate unnecessary work. The suggestion was adopted and an award of $40 was made to him.

Frank Gable, of Bldg. 20-1, received $25 award on a suggestion regarding the drilling of holes in sweeps on sandblast machine in Bldg. 26-3.

Joe Walker, of Bldg. 17-2, and Thomas D. Roberts, of Bldg. 26-5, were awarded $20 on the suggestion of supplying a device to guide discs on the stator presses in the Fractional Horsepower Motor Dept. using automatic feeds.

B. L. Flighner, Bldg. 18-4, suggested combining the Decatur Plant orders for cold rolled steel to eliminate shipping in less than carload lots. This suggestion brought him a $20 award.

F. C. Fenner, Bldg. 17-2, suggested changes to the chutes on the repunch presses in Bldg. 17-2, and received a $20 award.

Thoron J. Kitchen, Bldg. 4-1, received $15 award on his suggestion for changing the width of a conveyor in Bldg. 4-1.

David Lewis, Bldg. 26-5, suggested a change to the grinders in the Tool Dept., Bldg. 26-5, to facilitate the use of diamond wheel dressers and was awarded $10.

F. Ely Current, Bldg. 26-2, was awarded $10 on his suggestion that a turn-table be provided at the capacitor assembly in Bldg. 26-2.

Paul Johnson, Bldg. 19-4, received $10 on his suggestion regarding change to the shoeing fixture used in the Meter Dept., Bldg. 19-4.

R. Shoaff, Bldg. 3-3, suggested a practical re-arrangement of equipment and operations at final inspection and test in Bldg. 4-4, for which he received $10 award.

Donald V. Wareham, Bldg. 4-3, on a suggestion regarding a change in fixture No. 17089-A-1 to keep jaws tight was awarded $10.

Philip Wiech, Bldg. 19-5, suggested supplying a new type packing for D-7 discs. His award was $10.

Don B. Voorhees, Bldg. 19-4, suggested a change in the fixture used for grinding pole pieces Dwg. 538946 for which he received a $10 award. Mr. Voorhees also received a second $10 award for his suggesting a change to the grinding of Y-39 lower pole peices.

Herbert F. Koch, Bldg. 18-2, was awarded $10 on his suggestion regarding the supplying of metal dividers for the voucher file in the Accounting Dept.

Fred H. Krudop, Bldg. 4-5, received an award of $10 on his suggestion regarding change in tying operation on Frame 1250 armatures in Bldg. 4-5.

Louis D. Hopper, Bldg. 20-1, suggested that a change be made in CO-1805 crane motor brushes and received $10 award.

Seventy-four awards of $5 each were made during the 5 weeks covered in this report. The suggestors and the improvements in product, method or equipment covered by the suggestions are as follows:

Raymond H. Trumbewer, Bldg. 12-2, supplying individual lights at the machines in the Pattern Shop.

Herman T. Stemen, Bldg. 20-1, installing a special switch in line to counter-balancing machine in 17-3.

Gerald Mugg, Bldg. 19-4, change to G-9 movement mechanism springs.

E. H. Leitz, Bldg. 26-2, supplying a fixture for stamping certain transformer covers.

Lester F. Busick, Bldg. 4-1, placing covers at bottoms of motors on grinder in Bldg. 4-1.

Lawrence W. Schuster, Bldg. 26-B, additional award, change to type of material used for certain transformer clamps.

C. Fryback, Bldg. 22, changing approach to door at corner of Bldg. 22.

Ruth Deetz, Bldg. 4-1, change to conveyor in Bldg. 4-1 to accumulate work at operators.

H. Taylor, Bldg. 26-4, supplying guard on machine No. 13816 in Bldg. 26-4.

Wheeler A. Goble, Bldg. 26-1, supplying guards at machines No. 12572 and No. 11642 in Bldg. 26-1.

O. T. Chinnes, Bldg. 19-B, supplying clamps for voltmeter plug contacts used in Bldg. 19-1.

G. F. Crowe, Bldg. 19-4, supplying template for drilling operation in Bldg. 19-4.

Phil Weick, Bldg. 19-5, supplying an improved box for packing M9 and M10 motors in the Meter Dept.

Fred A. Thompson, Bldg. 26-1, supplying an incline for handling parts at presses in Bldg. 26-1.

Frieda M. Brandyberry, Bldg. 26-2, supplying an improved type transformer iron tray for use in Bldg. 26-2.

H. M. Kramer, Bldg. 19-2, insulating steam pipes at oven in Bldg. 19-2.

*(Continued on page VII)*

# When Firemen Gather

## *General Electric Makes Excellent Showing at Annual Meeting*

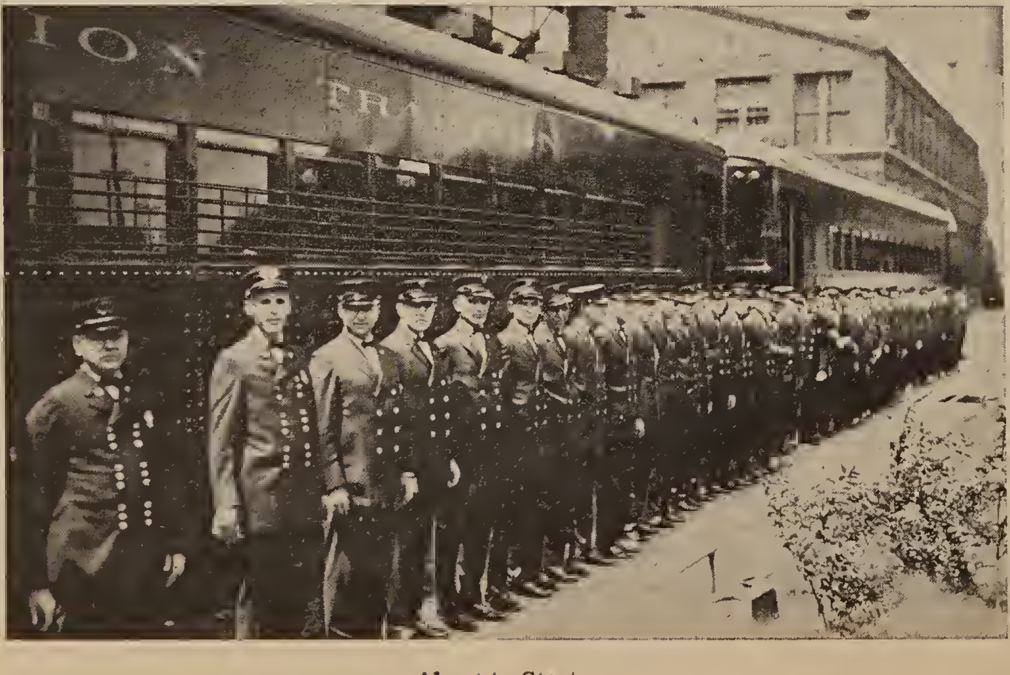
THE General Electric Volunteer Firemen and our Works Band were at Terre Haute on the evening of July 17th and the following day, for the convention of Northern Indiana Industrial and Volunteer Firemen. The heavy traffic on the traction line, on which our representatives traveled in three special interurban cars, delayed the arrival in Terre Haute somewhat but everyone was well cared for at the initial banquet, although it had started before the G-E crowd arrived. Following the banquet in the Shrine Temple a dance was given in the Shrine ballroom in honor of the visiting firemen.

Our Own Firemen

The following morning the convention delegates held their annual business meeting at the Demming hotel. All officers were re-elected to serve for the next year and G-E representatives on the executive board, Chief Paul Grimme and F. G. Duryee, are also commissioned to serve another year.

Our Band

The big parade, in which the Terre Haute fire fighting force and equipment and all visiting firemen took part, was held at 1:30 p.m. on July 18th. General Electric was given the honor of the position at head of the parade. Immediately following the usual detachment of police came a fine big automobile carrying Messrs. Barnes, Lankenau and Melching that had been provided at the request of Messrs. Grimme and Duryee. Following the G-E official car came the G-E Band marching at the head of the G-E Volunteer Firemen, the Broadway, Winter Street and Decatur Plant representatives in a single group with Chief Grimme at the head. It is estimated that there were some 4000 firemen in the parade.



About to Start

The usual field contests between rival fire companies were staged following the parade. In these contests General Electric played out of luck. They had to fight the Pennyslvania Co.'s firemen two five-minute periods to earn the privilege of entering the finals in the water battle in which they went against the Bowser firemen who were fighting their first battle of the afternoon. In the hose race a coupling caught and threw one of our team violently to the ground. In short, our G-E teams failed to capture the honors in any of the three field contests, but our firemen did bring back the prize for the largest, best uniformed

New Haven Firemen in Parade

Terre Haute Apparatus in Parade

and best drilled fire company in the parade and the Fort Wayne Works Band took the prize offered for the best band in the parade.

Terre Haute outdid itself in giving the visitors a good time, and the courtesies extended were sincerely appreciated by the representatives from the G-E.

### Suggestion Awards

*(Continued from page V)*

Paul Walker, Bldg. 19-4, relocating starting station on base conveyor in Bldg. 19-4.

T. R. Buckles, Bldg. 2-K, installing ventilating fans in Bldg. 2-K.

W. F. Meyers, Bldg. 8-1, supplying an improved eye on paper insulating machine in Bldg. 8-1.

Joe H. Cline, Bldg. 26-2, supplying a tray guide at conveyor in Bldg. 26-2.

Leo Walters, Bldg. 4-5, removing burr from edges of keyways of certain fractional horsepower motor shafts.

Dorman H. Kirke, Bldg. 19-5, change to design of M-10 iron to eliminate grinding for clearance.

Leo Walters, Bldg. 4-5, change to stops used at conveyor gates in Bldg. 4-5.

Bertha J. Gruber, Bldg. 26-S, supplying drip pan for GW-21 winding machines.

Dwight L. Williams, Bldg. 4-4, supplying guard for buffer in Bldg. 4-4.

Ed Klomp, Bldg. 4-5, supplying guard on flywheel in Bldg. 4-5.

Raymond Smith, Bldg. 19-4, use of cardboard sheets in stacking relay bases in Bldg. 19-4.

James A. Kortright, Bldg. 26-2, supplying a frequency meter in Bldg. 26-2.

Robert Hatfield, Bldg. 20-1, supplying a guard for grinder in Bldg. 4-1.

Richard P. Goyer, Bldg. 17-3, use of tubing in place of tape on certain armature shafts.

Charles E. Swihart, Bldg. 4-2, supplying a drip pan for motor in Bldg. 4-2.

Monroe Green, Bldg. 26-4, supplying shields at motors in Bldg. 26-4.

Helen Fritz, Bldg. 4-4, improved heel rests on winding machines in Bldg. 4-4.

Lillie Martz, Bldg. 4-4, supplying cabinet for nameplates in Bldg. 4-4.

Wilbert B. Putt, Bldg. 4-5, supplying a bench for holding rejections in Bldg. 4-5.

Leo J. Newman, Bldg. 20-1, change to test room at Winter St. to permit the use of additional test stand.

Arthur C. Slane, Bldg. 16-3, use of wooden floats in sludge cans.

Richard Rodman, Bldg. 20-1, supplying a guard for machine No. 6439 in Bldg. 26-2.

Fred Frieden, Bldg. 26-5, supplying a separate drill jig for drilling small hole in traffic signal frame.

Irene Meyers, Bldg. 26-4, change to operation of removing burr from M-10 gears.

Marlowe Thomas, Bldg. 4-5, eliminating operation of flattening shafts on certain fractional horsepower motor-generator sets.

Ream Huffman, Bldg. 8-1, supplying a belt tightener on machine No. 13328 in Bldg. 8-1.

Carl Fisher, Bldg. 4-2, supplying a shield for level at machine No. 16612 in Bldg. 4-2.

Harry Ganther, Bldg. 17-3, supplying improved guards on certain machines in Bldg. 17-3.

Leonard Sheean, Bldg. 4-4, supplying covers for switches on presses in Bldg. 4-4.

Walter Judt, Bldg. 19-4, supplying an oil guard at conveyor in Bldg. 19-4.

James O. Robinson, Bldg. 4-1, supplying a cabinet for holding miscellaneous parts in Bldg. 4-1.

Clarence Kints, Bldg. 19-4, supplying drain pan for paint equipment in Bldg. 19-4.

John Schwalm, Bldg. 19-4, supplying guard between machine and conveyor in Bldg. 19-4.

Wilbert B. Putt, Bldg. 4-5, supplying a platform for inspection work in Bldg. 4-5.

Harry Todd, Bldg. 4-1, moving switch at conveyor in Bldg. 4-1.

Levi E. Osborn, Bldg. 20-1, supplying individual switches for cranes in Bldgs. 26-3 and 19-2.

A. L. Bear, Bldg. 4-2, supplying guard for press in Bldg. 4-2.

Albert Hart, Bldg. 4-4, supplying splash pan at motor in Bldg. 4-2.

E. E. Morton, Bldg. 4-4, supplying castor tables for certain gauges in Bldg. 4-4.

Frieda M. Brandyberry, Bldg. 26-2, supplying special trays for small parts at assembly in Bldg. 26-2.

L. Duke, Bldg. 26-4, combining operations on Y-39 nuts in Bldg. 26-4.

Nora C. Coburn, Bldg. 26-2, change to size of tape used on certain jobs on Bldg. 26-2.

Frank R. Barnd, Bldg. 4-3, supplying a special gauge for use in Bldg. 4-3.

Roscoe Houghton, Bldg. 19-3, rounding ends of bracket holders used in the Apparatus Dept.

William Lang, Bldg. 20-1, supplying a guard at blower between Bldgs. 4 and 6.

Dorothy McMullen, Bldg. 26-2, supplying an oil guard for GW-21 winding machines in 26-2.

Carl B. Egts, Bldg. 26-2, supplying a guard between machine and conveyor in Bldg. 26-2.

R. L. Flightner, Bldg. 18-4, issuing instructions concerning the proper use of typewriter ribbons.

Ed Klomp and W. S. Lamont, Bldg. 4-5, using worn-out rotor iron dies for punching end fibres in the Fractional Horsepower Motor Dept.

Paul C. Knight, Bldg. 20-1, change to form used for "Catalogued Property Installed."

Leo D. Miller, Bldg. 27, mixing compound for Bldg. 19-3 in tank in Bldg. 19-2.

Paul G. Kirback, Bldg. 26-1, installation of guard on band saw in Bldg. 26-1.

# Homes of Employees Bought Through G-E Housing Plan

W. W. Staley
1044 Delaware Ave.

Clyde Mowery
1230 Boone St.

Walter W. Dreyer
1309 Union St.

Julian M. Rohlof
514 Nettie Ave.

John B. Winstel
1817 Vesey Ave.

## A Harmless Accident

ALTHOUGH accidents last year showed an increase, the 1927 toll of approximately 95,500 deaths being about four per cent higher than in 1926, members of the National Safety Council are reducing the number of industrial fatalities in their shops and factories.

Facts of major importance that are revealed are:

The ratio of persons employed to lost-time injuries is 16 to 1. Days lost per injury equals 71. The ratio for two years previous equals 12 to 1, with 73 days lost per injury. The ratio of non-fatal to fatal injuries equals 155 to 1. Ratio for two years previous equals 154 to 1. 133 establishments completed the year of 1927 without a lost-time injury. Represented in this group are, 8 Automotive, 12 Chemical, 29 Food, 13 Metals, 3 Packers and Tanners, 14 Paper and Pulp, 8 Power Press, 15 Public Utilities, 2 Quarry, 4 Textile, 10 Woodworking and Lumber Mfg., 15 Miscellaneous.

What is an accident? Usually we connect the word with a bodily injury of one kind or another. But the dictionary says that it is "an undesigned, sudden event." So an accident might cause injury of one kind or another or it might under some circumstances cause no harm at all.

AWARDED THIRD PRIZE IN THE NATIONAL SAFETY COUNCIL COMPETITION (1927) DRAWN BY J. FRANCIS KAUFFMAN, CHICAGO.

The accident illustrated on this page is one in which there was no bodily injury at all, fortunately. There is no question but that it must be classed as an accident, but it turned out to be quite harmless simply because William J. Salmon, an employee of the Bloomfield G-E Works was wearing Safety shoes.

Had he been wearing ordinary shoes he would have suffered severely bruised, and possibly fractured, toes when the box of material which he was moving was lowered onto his foot instead of being hoisted, as he had planned that it should be.

Of the lost-time accidents that occurred in the Baltimore Works during 1927 a big per cent caused injury to the feet, many of which could have been prevented by the wearing of Safety shoes.

Such shoes cost less than the ordinary ones, and are of exceedingly good wearing quality. Try them out and save a useless lay-up at home. It is just plain, ordinary good sense to do so.

# Here's the Proof

"Curley" Stroud with Bass Caught at Cedar Point

F. G. Duryee and Ford Zimmer with Pike Caught at Lake James

Lester Didier with a 5-lb Bass Caught Rome City

Oscar Shady and Oscar Beaty with 6½-lb. Bass from Hogback Lake

Kelsey Fitch and Walter Beaty with String of Bass Caught in Crooked Lake

George Thomas and Arthur Small with Catch of Pike from Manistee River, Mich.

Bill Garihan and the 4½-lb. Bass He Caught at Crooked Lake

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

*Published on the third Friday of each month by the General Electric Co. in the interests of the employees of the Broadway, Winter Street and Decatur Plants.*

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Vol. 12 August 17, 1928 No. 8

## Safety Paragraphs

### You Never Know When You'll Need It

THE knowledge of first aid is like accident insurance—it may come in handy when you least expect it. Accidents seem to have a habit of occurring when medical aid is a long way off.

Do you know how to resuscitate a person apparently dead from drowning or electric shock? Could you stop bleeding from a severed artery? Could you place a broken leg in splints so that the patient would suffer the least amount of pain while waiting for a doctor? If you can do these, you are a potential life saver.

First aid is not a substitute for caution, but a second line defense against accidents. A first aid kit and a knowledge of what to do in an emergency are as much a part of the vacation equipment as a spare tire or fishing rod.

During the week of June 25th over 300 employees of our Works received instructions in the prone method of resuscitation.

The Safety Committee is making arrangements through the local Red Cross to put on a series of classes in first aid. Outside of buying a book which will cost 60 cents, this instruction will be free to all employees who signify their desire to take it. You should not pass up this opportunity to enroll in the first aid class. Watch the bulletin boards for further information.

* * *

What is a foot? We should like to define it as that part of the body which gets under falling objects. Since January 1, 1928, there have been 20 lost-time accidents at the Fort Wayne Works due to injured feet. Ten of the twenty received fractured bones in the feet and the other ten were mashed toes. We would like to see more of our employees wearing the recommended safety shoe which can be bought at the Employees' Store. This shoe has been tested by having a man weighing 200 pounds stand on the toe without the wearer feeling it. This shoe wears well and is moderately priced. Protect your feet.

* * *

In preventing an infection, promptness counts. Get the proper treatment at once. Ordinary first aid methods are useless the next day or even a few hours later, when the germs of infection have started their dirty work.

* * *

Our lost-time accident record for June was just fair. We had 11 lost-time accidents, causing 113 lost days. Fifty-one of these days were due to a hernia accident which occurred in April, but was not recorded until June. Four large Manufacturing Divisions are to be congratulated upon working the entire month of June without a single lost-time accident. They are as follows: Apparatus Division, Transformer Division, Tool Division, and Decatur Plant.

**"Never Forget There Is Always A Better Way"**

The number of lost-time accidents in July up to and including the 28th is very discouraging. We have had 21 lost-time accidents in the first 24 working days of July. Eleven of these 21 are already back to work, having lost on the average 6 days each. Of the other ten the man who developed a hernia when lifting a heavy box is the most serious. Twenty-one accidents is the largest number of lost-time accidents in any one month since September, 1926.

The standing of the various divisions on July 30th, based on the number of lost-time accidents, is as follows:

| | |
|---|---|
| Decatur | 1 |
| Receiving and Shipping | 1 |
| Expense | 3 |
| Tool | 4 |
| Apparatus | 6 |
| Meter | 7 |
| Winter St. | 10 |
| General Service | 11 |
| Transformer | 18 |
| Fractional Hp. Motor | 24 |

L. C. SWAGER,
*Safety Engineer.*

## G-E Squares

FOLLOWING out their usual custom of materially assisting new student engineers in their get-acquainted period, the G-E Squares invited all of those who had recently arrived to a stag party held at Lake James over the week-end of July 21st. There were thirty-four men in attendance at this event, twelve being university and college men who had arrived here since their graduations in June. The social committee of the club, headed by T. N. Ness, had secured a cottage in an ideal location relative to the dance hall, bathing beach and golf links, and the boys generously patronized all of these places. However, there was plenty of unscheduled amusement incident to the getting together of this bunch of good fellows. As usual the stag party was in every way a success. The new student engineers who were in attendance were Graham Gordon, C. H. Marihar, W. M. Adams, R. R. McDougal, Kenneth Boger, L. S. Dulaney, A. E. Chettle, Kearnie Moore and John Westbrook.

The Squares' golf tournament held on the Decatur course, July 7th, was won by Glen Ashley on handicap, C. H. Marihart holding the low score.

W. R. Whitney

B. G. Tremaine

J. R. Lovejoy

G. F. Morrison

T. W. Frech

# Three Honorary Vice Presidents and Two Vice Presidents Are Elected by Board of Directors

THE office of honorary vice president was created by the directors of our Company at their meeting in July, when three prominent officials of the Company were honored with the title. Those so honored were J. R. Lovejoy, vice president, who has served the Company 42 years; George F. Morrison, vice president who has been associated with the Company for 45 years; and B. G. Tremaine, one of the organizers of the National Lamp Division of the Company. All three are directors of the Company and will continue to function as such. They will also remain associated with the departments with which they have so long been identified. The title is conferred on them in recognition of their long and valuable service.

Mr. Lovejoy began his electrical career with the Thomson-Houston Company in 1886. In his 42 years of service he has been identified with many phases of the Company's business. Commercial work commanded most of his attention, and he built sales organizations and departments for the promotion of the Company's business in this country and foreign lands as well. As a member of various learned societies and through his association with the Company's technical work, he has kept in close touch with the progress of the electrical art and industry. More recently, as president of the G.E. Employees Securities Corporation, he has done much to encourage thrift and saving among G-E men and women. Mr. Lovejoy became a vice president in 1907 and was a director in 1922.

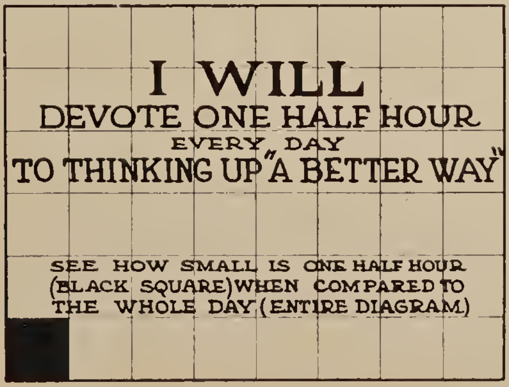
Mr. Morrison is an Edison pioneer and a member of many commercial and engineering organizations. He became connected with the Edison Lamp Works, Harrison, N. J., at the age of 15, continuing in the employ of the Company for 45 years. During that time he held many positions of responsibility, all of them having to do with the development, manufacture and sale of incandescent lamps. He was elected vice president in 1916 and director in 1922.

Mr. Tremaine, who with the late F. S. Terry, organized the National Lamp Division of the Company; has long been associated with the management of the Company's incandescent lamp business. He was elected a director of the Company in 1923.

At the same meeting, the Board of Directors elected two new vice presidents: T. W. Frech, vice president in charge of the Incandescent Lamp Dept., and Dr. W. R. Whitney, vice president of the Company and director of research.

Mr. Frech's first association with the Company was as an assistant to the late Mr. Terry in 1901. From 1904 to 1913 he held various positions in Cleveland and worked on the development of many improvements in the manufacture of lamps. From 1913 until November, 1921, he was not in the employ of the Company. From 1922 to September 1, 1925, he was manager of the National Lamp Works, when he was appointed associate manager of the Incandescent Lamp Dept. In May, 1927, he was appointed manager of the department.

Dr. Whitney, a graduate of Massachusetts Institute of Technology, received the degree of Ph.D. from Leipzig in 1896. Four colleges—Union College, the University of Pittsburgh, the University of Syracuse, and the University of Michigan, have conferred degrees upon him. He has been director of the General Electric Research Laboratory since 1900.


I WILL
DEVOTE ONE HALF HOUR
EVERY DAY
TO THINKING UP "A BETTER WAY"
SEE HOW SMALL IS ONE HALF HOUR
(BLACK SQUARE) WHEN COMPARED TO
THE WHOLE DAY (ENTIRE DIAGRAM)

## Inter-Works Safety Contest Again Shows Change

THE June report of the Inter-Works Safety Contest shows another shake-up in the position of the Works, though not so drastic as that reported last month. River Works, which held second place last month, is now in the fourth position in Division 2, leaving the All Plants record in third place. York still maintains its excellent record of no accidents for the year.

Below is the rating for June. Improvement is designated by an asterisk (*).

| Division 1 | Division 2 |
|---|---|
| York | Bridgeport* |
| West Lynn | Pittsfield* |
| Erie | ALL PLANTS |
| Fort Wayne* | River Works |
| Bloomfield* | New Kensington* |
| Baltimore* | Schenectady* |
| Philadelphia | Oakland |

# Employees Approve Insurance and Pension Plans

IN the January issue of this magazine were published the details of a modified Insurance Plan and a new Additional Pension Plan, both of which are designed to help G-E employees in providing adequately for the future. It was later announced that the plans would go into effect on July 1st of this year, and a canvass of those persons whom the plans affected was made shortly before that date.

The results of the canvass exceeded everyone's expectations. Only one employee of over 25,000 whom the two plans affected declined to participate.

### The Pension Plan

The Additional Pension Plan makes possible a much larger pension for every man who participates in it. This additional pension comes from funds which the employee *accumulates out of his earnings*. So it is really a savings plan, and not, strictly speaking, a pension plan at all.

Under the plan, each employee who has completed five years of continuous service and who on July 1st was 45 years old or less, sets aside 1½ per cent of his annual earnings. On July 1st there was a total of 25,295 in this class. Of this huge number, only one declined to participate in the plan.

In addition to this large group whose participation is a mutual condition of employment, other employees were to participate. A total of 9,812 accepted, and will participate.

The 1½ per cent of their earnings which the employees will turn in on the Additional Pension Plan will come in most cases from their 5 per cent Supplementary Compensation, so that the pay envelope will not suffer. This fund will gradually accumulate, and in time, with the magic help of compound interest, will become a very considerable sum. For an employee earning $40 a week, there will be a fund of $2,039 awaiting him at the end of 30 years*, if he is then ready to retire. In addition to this money, he will receive the regular Company pension just as retired employees have in recent years.

Another important feature of the new pension plan is that the retiring age for men is advanced from 70 years to 65 years.

### The Insurance Plan

For some time there has been a plan by which G-E employees might secure insurance at especially favorable rates, in addition to that which the Company furnishes them free. This plan was modified to make participation a mutual condition of employment for all men employees who have completed five years of continuous service, *except* those who, on July 1st, had been in the employ of the Company for at least five years and had then arrived at the age of 45. These latter employees, however, were given an opportunity to participate. Since a large proportion of G-E employees already held additional insurance, the number whom it was necessary to canvass was much smaller—2,396 Works employees, 182 general office and district employees, and 267 others—a total of 2,845. Of this number, all but one (the same man who declined to participate in the Additional Pension Plan) signed up.

The result is that practically every employee who has been with the Company for five years or more now has his dependents adequately protected.

## A Letter from President Swope

*To the Editor:*

*I am glad to respond to your request for a few words in regard to the Contributory Pension and Insurance Plans which became effective on July 1st.*

*Soon after the announcement of the plan, at the beginning of this year, in addition to questions of interpretation, the kind of comment we had from employees in the different plants was,*

(1) *"Why wait a year for the plan to become effective?"*
(2) *"Why wait five years to begin contributing?"*
(3) *"Why not have the percentage contribution under the Pension Plan larger?"*

*After very careful consideration of these comments,*

(1) *The plan was made effective on July 1st of this year, instead of January 1, 1929.*
(2) *It was thought wise to allow the new employees five years for them and the Company to decide whether the relation was one that was likely to be premanent.*
(3) *It was thought best to get some experience before increasing the percentage contribution. Of course it is understood that through the G.E. Employees Securities Corporation, and otherwise, employees may now save more than 1½ per cent, and in the last few years about 33,000 employees have accumulated in that way over $32,000,000.*

*Reading the accompanying article shows that about 8 per cent of those in the class with over five years of service with the Company and less than forty-five years of age, did not participate in the Additional Insurance offered two years ago, and who, in the interest of themselves, their families and their associates should be adequately protected.*

*Each month I look at the list of those of our associates who have died, and see, as you will see in this month's list, young men of twenty-three and twenty-eight years of age, and of whom their mothers were the beneficiaries, and no additional insurance had been provided, and in many other instances inadequate savings. One can never tell when the last summons will come, nor to whom it will come, and the cost of this additional insurance and savings is so small that it is difficult to understand how, after any consideration and knowledge of the facts, the cost can stand in the way of more adequately providing for our families.*

*The practically unanimous acceptance of the Contributory Pension and Insurance Plans has been most significant and most gratifying to the management.*

*Very truly yours,*
GERARD SWOPE,
*President.*

---

*Assuming 5% interest.

# Insurance Payments More Than $2,000,000

A TOTAL of $2,057,792.92 has now been paid out to the beneficiaries of G-E employees who held G-E free and additional insurance. This huge sum of money has been paid out since November 16, 1925, when the present plan of group insurance went into effect.

During the past month alone, $75,734 was paid out to G-E beneficiaries. Of this, more than $38,000 was paid out on free insurance, and $37,500 was paid out on additional insurance.

These figures, themselves, are impressive enough. But when they are translated into terms of relief to those who otherwise might be in real want, their significance becomes even greater. Many a wife, or mother, has been helped immeasurably in the task of carrying on without the family provider, just because, before his death, he had the wisdom and foresight to participate in the G-E group insurance plan. Under the modified plan, described on the opposite page, even more will participate than have in the past.

### Death Claims Paid During Month of June 1928

| Years | Date of Death | Employee | Age | Beneficiary | Free Ins. | Add'l Ins. |
|---|---|---|---|---|---|---|
| *Schenectady Works* | | | | | | |
| 35 | May 23 | Daniel J. Lyons | 70 | Wife | Yes | Yes |
| 10 | May 24 | Antonio Bukowy | 70 | Wife | Yes | Yes |
| 22 | May 24 | Andrew B. Mackey | 44 | Wife | Yes | Yes |
| 33 | May 29 | Wallace L. Brooks | 57 | Wife | Yes | Yes |
| 31 | May 30 | August Reehl | 56 | Wife | Yes | No |
| 37 | May 30 | John H. Stewart | 68 | Wife | Yes | Yes |
| 14 | May 25 | John Gaska | 53 | Wife | Yes | No |
| 26 | May 31 | Wm. F. Gates | 47 | Wife | Yes | Yes |
| 2 | June 1 | George D. Schnitzlein | 29 | Mother | Yes | Yes |
| 22 | June 3 | Patrick McGrane | 60 | Wife | Yes | Yes |
| 5 | June 4 | Mary M. Eastner | 41 | Husband | Yes | No |
| 12 | June 6 | James T. Rea | 54 | Wife | Yes | Yes |
| 11 | June 13 | John Mesick | 61 | Wife | Yes | Yes |
| 8 | June 16 | Charles M. Swan | 60 | .... | No | Yes |
| 15 | June 20 | Joseph M. Van Buren | 55 | Wife | Yes | Yes |
| *River Works* | | | | | | |
| 18 | May 26 | James B. Cronin | 53 | Wife | Yes | Yes |
| 17 | June 5 | Thomas W. Blackler | 53 | Wife | Yes | Yes |
| 6 | June 6 | Cecilia A. Dowgwillo | 34 | Husband | Yes | No |
| 3 | June 22 | Elmer H. Stromberg | 23 | Mother | Yes | Yes |
| 3 | June 26 | William Kalapinski | 26 | Mother | Yes | No |
| *West Lynn Works* | | | | | | |
| 4 | Mar. 25 | James Turnbull | 47 | Friend | Yes | Yes |
| 2 | May 27 | Stanley T. Andrews | 36 | Wife | Yes | Yes |
| 29 | June 18 | Burton L. Alden | 59 | Wife | Yes | No |
| 2 | June 19 | Maurice J. Powers | 24 | Mother | Yes | Yes |
| *Pittsfield Works* | | | | | | |
| 4 | Apr. 12 | Edward B. Cooke | 50 | Wife | Yes | Yes |
| 3 | May 17 | Donald K. Prossor | 28 | Mother | Yes | No |
| 10 | June 4 | John C. LeBarnes | 67 | Daughter | Yes | Yes |
| 7 | June 10 | Thomas J. Burns | 52 | Wife | Yes | Yes |
| *Erie Works* | | | | | | |
| 2 | May 15 | John Csech | 44 | Wife | Yes | Yes |
| 3 | May 25 | Nelson Baldwin | 23 | Mother | Yes | No |
| 5 | May 28 | Joseph Kiezek | 48 | Wife | Yes | Yes |
| *Philadelphia Works* | | | | | | |
| 2 | June 6 | Joseph Ketchis | 48 | Wife | Yes | Yes |
| *General Office—Dallas Office* | | | | | | |
| 3 | May 31 | Montez Shirey | 30 | Mother | Yes | Yes |
| *Incandescent Lamp Dept.* | | | | | | |
| 15 | June 1 | Henry E. Faul | 63 | Wife | Yes | Yes |
| 11 | June 9 | Bessie Provost | 42 | Son | Yes | Yes |
| 13 | Mar. 23 | Louis Minnell | 60 | Wife and Children | Yes | Yes |

| | Free Insurance No. | Free Insurance Amount | Additional Insurance No. | Additional Insurance Amount |
|---|---|---|---|---|
| Claims paid month of June, 1928 | 35 | $38,234.06 | 26 | $37,500 |
| Previously reported, 1928 | 156 | 178,910.17 | 146 | 230,000 |
| Total claims paid 6 months, 1928 | 191 | $217,144.23 | 172 | $267.500 |

Total claims paid since Nov. 16, 1925..........................$2,057,792.92

# C.B.&Q.R.R. to Have Most Powerful Gas-Electric Cars

EIGHT of the most powerful single-unit gas-electric railway cars ever built will be used by the Chicago, Burlington and Quincy Railroad as a part of the large fleet of these vehicles being built by that railroad. A total of 53 gas-electric cars is so far involved in the program. As fast as they are delivered, they are replacing steam trains in light traffic and branch line service on various parts of the Burlington system.

Early in 1927 five gas-electric cars were placed in service by this company. In the middle of the same year eleven more were added; and an additional 36, now being built, will be in service by September.

The new and unusually large power plant with which eight of the latest cars are equipped represents a marked advance in the development of internal combustion engines for railway use. Each car is equipped with a 400-horsepower, model 148, eight-cylinder Winton engine. The engine drives an electric generator supplying power to two 220-horsepower motors on the front trucks. A total of 400 horsepower is thus available from the power plant, whereas the maximum available power from a single car heretofore has been from 275 to 300 horsepower.

The electric transmission equipment for 28 of the new cars is being built by the General Electric Company. All of the earlier cars, with the exception of one, have Electro-Motive Company standard 275-horsepower Winton engines driving General Electric generators which supply power to two 150-horsepower motors on the front truck of each car. Drum-type control is used for single-end operation.

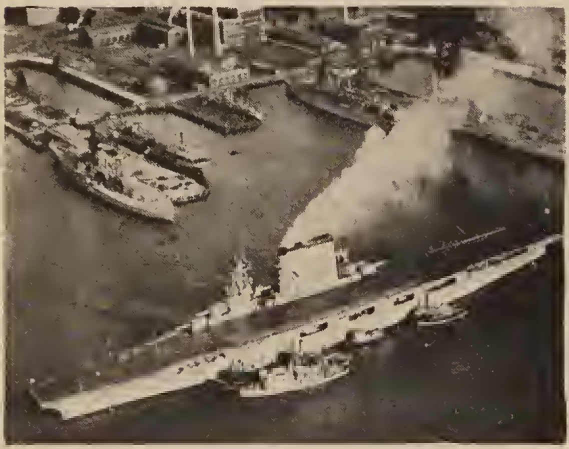
Gas-electric drive was chosen for this service by the Burlington because of the saving in operating and maintenance expense, as well as increased reliability. It has been demonstrated that this saving with the use of gas power is from 40 to 60 cents a train mile.

# *Seeing the Sights With the G-E Camera Man*

Gloria, daughter of A. F. Dickerson, G-E engineer, hid herself in this huge G-E street-lighting fixture

"Christy" Mathewson, Jr., son of the ball player and now a G-E employee, is broadcasting flying lessons over WGY

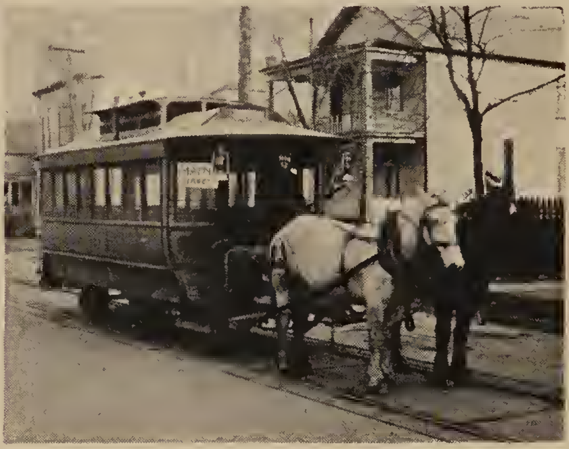
This young lady is sitting in one of the elaborate G-E lighting units recently installed on a Los Angeles boulevard



Airplane view of the G-E equipped airplane carrier, U.S.S. *Saratoga*, at anchor off Philadelphia Navy Yard

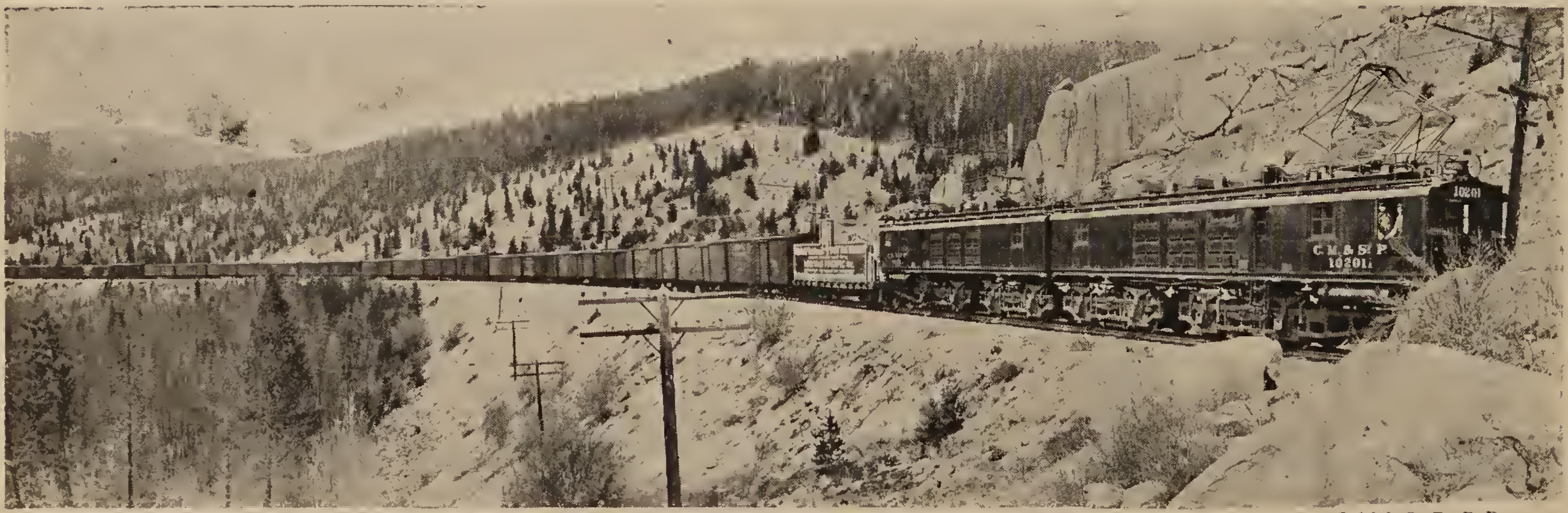
*Ella Barnett*

Snapshot taken as Geo. F. Morrison, recently made honorary vice president, was starting on a trip to Europe



*M.L.&T Co.*

Not G-E equipped! This ancient vehicle, owned by the Marinette and Menominee Light and Traction Co., was used before G-E motors started to put the horse out of business



*C.M.&St.P. R.R*

A trainload of Maytag washing machines being hauled over the Continental Divide on the Chicago, Milwaukee and St. Paul Railroad. Both the washers and the locomotives have G-E motors in them—of different kinds

# Around the World with General Electric

### India

Under the Imperial Indian government there exist a number of native states, ruled by Rajahs, Maharajahs and other native potentates. Some of these native states, Mysore, for instance, are remarkably progressive. The Mysore Government recently bought three large transformers through our British affiliated company, with which it will improve its electrical service. Its far-seeing policy is to extend its power lines continually, thus bringing to more and more of its people the benefits of electric lighting and electric power.

### Mexico

In Mexico nearly everyone drinks a beverage (alcoholic) which is known as pulque. This beverage spoils very quickly and must be consumed while it is fresh. For this reason it cannot be bottled and stored. In the past the sale of adulterated or decomposed pulque has caused considerable trouble, and Mexican General Electric was finally appealed to, in the hope that some scheme for preserving the beverage might be devised. A plan for electrical sterilization was finally devised, which permits it to be preserved indefinitely. Thus General Electric performed an act of real humanity for its friends across the border.

### New Jersey

The plant of the Johnson and Johnson Co. (adhesive tape, etc.) is located at New Brunswick on the main line of the Pennsylvania Railroad. The buildings are of red brick, and although this company wanted to floodlight its buildings for the benefit of railway passengers, the white floodlights proved very unsatisfactory. Red reflects white very poorly, and besides, the white lights showed up the mortar between the bricks and other blemishes in the surface. G-E illuminating engineers were puzzled for a while, but a brilliant idea finally struck them and now the buildings are floodlighted in their native color, red. The scheme works beautifully, and the buildings are now as conspicuous at night as an exit light in a movie theater.

### France

Complete electrical steering equipment for our new French cruisers, the *Duquesne,* the *Tourville,* the *Suffren,* and the *Colbert,* was installed recently by the Compagnie Francaise Thomson-Houston, the French company affiliated with General Electric. This equipment gives perfect and absolutely reliable control to the vessels under all conditions. The cruisers, incidentally, have attained a speed of 36 knots on test, which is a world record for vessels of this class. The same organization recently supplied electrical equipment for the elevators on the new French airplane carrier, *Bearn.* These elevators, used for bringing airplanes to the deck, each weigh 100 tons. They open onto the deck through electrically controlled trap doors weighing 380 tons apiece.

### Massachusetts

Many railroads are partially electrified. But not many can say that they are completely electrified, or that they were electrified all at one shot, so to speak. But the Boston, Revere Beach and Lynn Railroad will shortly bear both of these distinctions. This is a narrow-gauge road operating heavy-traffic, rapid-transit trains on a ten-minute schedule between East Boston and Lynn, a distance of nine miles, and is a double-track road all the way. General Electric equipment will be used throughout in changing this road over from steam to electrical operation.

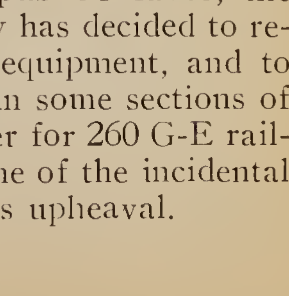
### Australia

A local office of Australian General Electric recently installed a model 20 RCA receiving set in a hospital and by carrying wires to the various wards made radio programs available through 50 pairs of head phones. Over a mile and a half of wire was involved, and many were skeptical about the ability of the set to overcome the capacity of so much wiring. But the outfit works perfectly. The matron says that, in all her years in the hospital, the men's ward was never so quiet as it is now.

### England

Following the successful application of turbine-electric drive to approximately 40 American ships, the British have taken up the cue. A 19,000-ton passenger liner, using this means of propulsion, is being built in England for the Peninsula and Oriental Navigation Company, one of the oldest ship-operating companies in the world. This ship, 600 feet long, will be the first large electrically-driven vessel built in Europe. It will operate between ports in England, India and Australia.

### Argentina



The land of the tango, it seems, is not without its stories of business competition. In Argentina just now there is a great deal of competition between the street railways and the buses, especially in the city of Buenos Aires. In its effort to win the riding public's favor, the railway company has decided to retire some aged equipment, and to extend its lines in some sections of the city. An order for 260 G-E railway motors is one of the incidental results of all this upheaval.

# What We're Thinking About

## That Bathing Girl Complex

A FOREMAN in one of the G-E Works was recently looking for some assistants. He remarked to a friend that out of 200 men working in his department, there were only a few on whom he could depend to carry a job through to completion without asking a hundred unnecessary questions.

Why, if this foreman is right, should such a condition exist? It can hardly mean that all the other men are wholly lacking in initiative. They show it in plenty of other ways. They lavish plenty of interest and curiosity and ingenuity on their outside activities. They can find a way to adjust the carburetor on their cars, so as to get the greatest number of miles per gallon, without asking every neighbor on the block half a dozen questions. They can find the best place, and the best bait, for catching trout without going to Isaak Walton for reference. They can keep the old radio plugging away without calling in an electrician.

No. They don't lack initiative.

Then what is the trouble? Do they park their initiative in the garage when they come to wotk?

It seems silly when you stop to think of it, not to use the same brains on one's job as are used on one's car. It's like the sweet young things who stand on the edge of the dock for an hour before jumping in. They want to swim, all right, but they just can't seem to get started. Just so do these men stand at the edge of Opportunity Lake.

It is true that there are always enough leaders to go around. If there weren't our big manufacturing organizations would go on the rocks. But it is equally true that foremen and superintendents are constantly looking for men whom they can train for more responsible positions *in the future*. There's always another and better job ahead—if we'll only prepare ourselves for it. But after all, the boss can only help those men who have initiative, who welcome a chance to do their own thinking. It's absolutely true that the only man they can help is him who helps himself.

How can one get started? How join the swim? The Company offers an excellent jumping off place in the Suggestion System. It takes only a little initiative, a little interest in one's job, to make the first suggestion. After that the work becomes more like a game—a hunt for the "better way." And all the time the suggestor is acquiring knowledge, skill, and above all the habit of thinking for himself.

If man wants to show that he hasn't the bathing girl complex—no one would be more pleased than the foreman.

## It Got Away

"YES, and I'd been settin' there fishing for . . . well, I suppose I'd been settin' there for a good two hours.

"All of a sudden I saw something out about half a mile from shore. It looked like a tidal wave or something, and was coming in toward the shore at a terrible rate. I was so scared I just sat on the bank and didn't move an eyelash. Were you ever in a car just before it collided with another? It was the same kind of a feeling, having this tidal wave come toward you.

"And then the tidal wave reached my line, and something deep down in the water hit my hook! It started toward China with it. I had to grab hold of the nearest tree to keep from being yanked in after it. But I held on! Oh, boy! I held on! Then all of a sudden the line slacked a little, and I gave a terrible yank, and out of the water jumped the biggest fish I ever saw. Oh it must of been . . . well, it was *this* long at least!

"I'd of had a record breaker, all right. But just then a terrible thunder shower started. It was a cloud-burst, or something. And so much water came down all of a sudden that the fish was able to swim right back to where he came from by leaping from one big puddle to another. I never even had a chance to get hold of him!"

This isn't a true story. The editor patched it up out of his head from about five thousand similar stories he's been hearing during the last month or so. It isn't exactly like any one of them, but it's got elements in common with all of them. Especially the part where the enthusiastic fisherman starts to tell exactly—yes, *just exactly!*—how long this fish was that managed to get away from him.

Oh, it's great sport, this fishing. And it's a funny thing how the bird who brought home the fewest fish always has the biggest story in the back of his head.

### Recipe

*As the canning and pickling season arrives, Judge Austin E. Griffiths, of the Juvenile Court, Seattle, Wash., offers a recipe for preserving children: "Take one large, grassy, field, one-half dozen children, two or three puppies, a pinch of brook and pebbles. Mix the children and dogs well together, put them into the field, stirring constantly. Pour the brook over the pebbles. Sprinkle the field with flowers. Spread over all a deep blue sky and bake in the hot sun. When brown, set away in a bath tub to cool."*

*New York Herald-Tribune*

# Thirteen Young Men Granted Loans

THIRTEEN young men, employees of our Company or the sons of employees, have been granted loans amounting to $3450 under the recently established G-E Educational Loan Fund. These thirteen young men are the first to receive assistance from the Fund, and will use the money so loaned to further their education in institutions of their own choosing. A total of 24 applications were received, coming from such widely separated points as San Francisco and Lynn, Mass.

Following are the names of those to whom loans were granted, together with the courses which they plan to take and the institutions they will attend:

W. B. Benjamin, accounting, University of Pennsylvania; J. G. Benack, scientific, St. Lawrence University; L. T. Bowers, electrical engineering, Drexel Institute; H. W. Dakin, mechanical engineering, R.P.I.; G. B. Davis, business administration, Boston University; J. S. Dunk, scientific, Boston University; L. K. Fortier, electrical engineering, University of Maine; Lee Lawsine, electrical engineering, M.I.T.; A. G. Patard, industrial engineering, University of New Hampshire; F. D. Steinway, chemical engineering, R.P.I.; Mark H. Tam, electrical engineering, Purdue University; F. G. Toye, law, George Washington University; W. R. Wells, accounting, Middlebury College.

During the past month the Education Committee also awarded Charles P. Steinmetz Memorial Scholarships to four applicants. The Steinmetz scholarships, of which there are eight altogether, carry a monetary award sufficient to pay for a major part of the tuition at Union College. The awards are made for one year, but are subject to renewal if a sufficiently high scholastic average is maintained. The four who received scholarships are:

John Clarkson, a graduate of Manual Training high school, Brooklyn; W. D. Smith, Jr., a graduate of Schenectady high school; Arthur Campbell, a graduate of Schenectady high school, and Peter S. Miller, a graduate of Scotia high school, at present taking the chemistry course at Union College.

Applications which have been received for loans from the Gerard Swope Loan Fund are now being considered by the Education Committee and the authorities of Union College. It is expected that announcement of the recipients of these loans will be made in a few weeks.

# $1,600,905 Paid in Supplementary Compensation

THE General Electric Company recently paid $1,600,905 in supplementary compensation to employees in its various plants and offices who have been in the employ of the Company for five year or more. This sum, the largest ever distributed by the Company in this form, represents 5 per cent of the earnings of employees for the six months ending June 30, 1928. The largest amount was paid employees of the Schenectady Works, $499,425.

The distribution of the total was as follows:

| Works | Amount |
|---|---|
| Schenectady | $499,425.01 |
| River Works, Lynn | 227,570.10 |
| West Lynn | 70,108.68 |
| Pittsfield | 144,999.10 |
| Erie | 97,515.20 |
| Ft. Wayne | 109,290.44 |
| Bloomfield | 34,047.21 |
| Philadelphia | 23,516.07 |
| Bridgeport | 32,658.79 |
| Baltimore | 20,213.57 |
| Rochester | 215.49 |
| Oakland | 2,282.38 |
| York Insulated Wire | 1,986.64 |
| Total Works | $ 1,263,828.68 |
| Incandescent Lamp Dept. | 144,757.85 |
| Merchandise Dept. | 4,944.41 |
| Electric Refrigeration Dept | 779.06 |
| General Office | 67,357.08 |
| District Offices | 119,238.38 |
| Total | $1,600,905.46 |

## Patents Granted

THE United States Government has granted the following patents in the names of General Electric employees:

*Schenectady*: A. R. Smith, means of supplying powdered fuel to furnaces; B. G. Tang. electric heating units; E. W. Engstrom, telegraphic transmitters; J. W. Gosling, a radio cabinet; C. V. Ferguson, electric discharge devices; W. C. White, electron-discharge apparatus; A. H. Mittag, radiotelegraphy; G. R. Townsend, rotary switch mechanism; F. A. Benford, reflectometers; J. Eaton, brakes; B. O. Buckland and G. B, Warren, geared turbine installations; T. S. Fuller, N. H. Adams and F. G. Nolte, thermoelectric generators; E. F. W. Alexanderson, systems of electric ship propulsion; A. E. Anderson, automatic reclosing circuit-breaker systems; F. A. Haughton, automatic arc-welding machines; A. H. Mittag, systems of distribution.

*Lynn*: T. A. Rich, electric measuring instruments; H. W. Vickery, automatic switches; E. D. Dickinson and R. G. Standerwick, elastic fluid turbines; I. H. Summers, coil windings; E. R. Berry, quartz applicators; R. D. Amsden, vibratory converters; R. T. Cheeseman, vibratory converters.

*Pittsfield*: H. G. Brinton, electrolytic cells; M. Unger, electric furnaces; A. B. Hendricks, Jr., transformers.

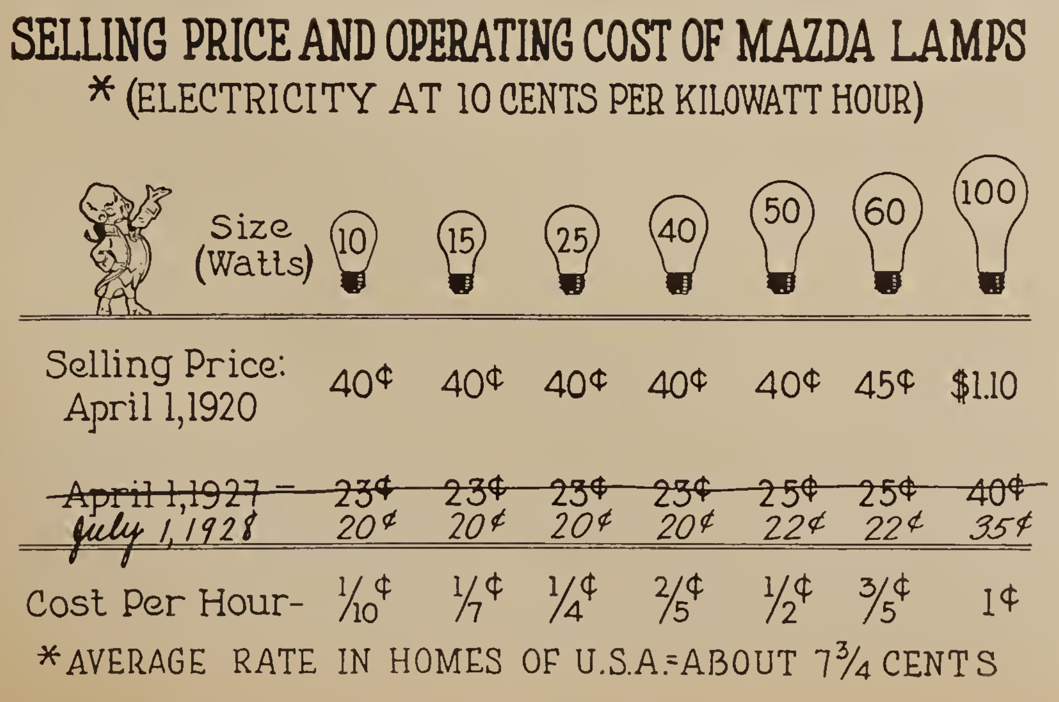
*Cleveland*: T. W. Frech, headlamp-adjusting charts.

*Philadelphia*: A. B. Weaver, pull-button-controlling switches; C. C. Maryan, fluxes for welding cast iron.

Value your eyes? See page 9.

How far away is Samoa? See page 11.

A letter from President Swope? See page 2.



## SELLING PRICE AND OPERATING COST OF MAZDA LAMPS

*(ELECTRICITY AT 10 CENTS PER KILOWATT HOUR)

| Size (Watts) | 10 | 15 | 25 | 40 | 50 | 60 | 100 |
|---|---|---|---|---|---|---|---|
| Selling Price: April 1,1920 | 40¢ | 40¢ | 40¢ | 40¢ | 40¢ | 45¢ | $1.10 |
| ~~April 1,1927~~ | ~~23¢~~ | ~~23¢~~ | ~~23¢~~ | ~~23¢~~ | ~~25¢~~ | ~~25¢~~ | ~~40¢~~ |
| July 1,1928 | 20¢ | 20¢ | 20¢ | 20¢ | 22¢ | 22¢ | 35¢ |
| Cost Per Hour | 1/10¢ | 1/7¢ | 1/4¢ | 2/5¢ | 1/2¢ | 3/5¢ | 1¢ |

*AVERAGE RATE IN HOMES OF U.S.A.=ABOUT 7¾ CENTS

A MULE CANNOT PULL WHILE HE IS KICKING—
AND HE CANNOT KICK WHILE HE IS PULLING
NEITHER CAN ANY ONE OF US/

## Baer Facts

Have you bought your six-tube reflex, double-action kitchen stove yet?

* * *

The General Electric is now cooking by radio.

* * *

*Old Doc Whitney, who is afraid to leave Schenectady because he can't pronounce it when people ask him where he lives, says the high frequency vacuum tube is a success.*

* * *

Sausages and scrapple were electrocuted by buzzing ohms transmitted through space.

* * *

*Four million volts without a permanent address were catapulted through a haystack and put a nice pie crust on a book of postage stamps in a hobo's vest.*

* * *

The bum happened to be sleeping in the haystack and didn't realize that he had joined the Rockefeller Foundation until his whiskers started throwing off sparks.

* * *

*This presumptuous invention will complicate housekeeping in two-family garages. No man wants to wander across the firing range when the cook is throwing thunderbolts at an insulated plate of waffles.*

* * *

Outside of getting a New England boiled dinner out of a mail order catalogue, we can visualize nothing more startling than looking in a loudspeaker and getting slapped in the face with a broadcast finnan haddie, smothered in Tartar sauce.

* * *

*We trust that the General Electric does not commercialize this latest boon to the comfort of man and his creditors.*

* * *

Special radio hours have their attraction, but we do not want to hear singing noodles flying through the air.

* * *

*Doc Whitney actually cooked an egg that was parked in a hermetically sealed high hat and suspended by a wire from the chandelier of a sound-proof car foundry.*

* * *

One flip of the switch was enough t shock the egg into a state of coma.

* * *

*It would have been economical housework if the same shock hadn't assassinated fourteen hens and burned the pants off the farmer.*

* * *

Science is a tough man to shave. Doc Whitney wouldn't be the first martyr who went forth with a bridle in his hand to harness Niagara and wound up by getting kicked in the chin by a mule.

* * *

*Radio cookery is still an experiment. While shocking a hardboiled egg is a social achievement, you are just as liable to turn the power on a Virginia boiled ham in Norfolk and find yourself up in Vermont with a handful of animal crackers.*

—ARTHUR "BUGS" BAER,
*New York American*

## Orders Received Show Marked Increase

ORDERS received by the General Electric Company for the three months ending June 30th amounted to $90,431,957, compared with $78,105,247 for the corresponding quarter of 1927, an increase of 16 per cent, President Gerard Swope has announced.

For the six months ending June 30th, orders received amounted to $170,357,797, compared with $155,655,828 for the first six months of last year, an increase of 9 per cent.

General Electric sales billed for the first half of 1928 amounted to $158,015,221.41, compared with $149,795,026.99 for the corresponding period last year, President Swope also announced. Profit available for dividends on common stock for the first half of 1928 was $24,388,002.58, compared with $22,542,972.76 for the corresponding six months last year.

The profit available for common stock for the six months is equivalent to $3.38 per share in 1928, and $3.13 per share in 1927.

A comparative statement of sales and earnings for the six months is shown below.

| | 1928 | 1927 |
|---|---|---|
| Net sales billed | $158,015,221.41 | $149,795,026.99 |
| Less: Cost of sales billed, including operating, maintenance and depreciation charges, reserves and provision for all taxes | 138,889,039.26 | 130,930,258.01 |
| Net income from sales | $ 19,126,182.15 | $ 18,864,768.98 |
| Other income, less interest paid and sundry charges | 6,549,125.23 | 4,965,393.98 |
| Profit available for dividends | $ 25,675,307.38 | $ 23,830,162.96 |
| Less: Cash dividends on special stock | 1,287,304.80 | 1,287,190.20 |
| Profit available for dividends on common stock (7,211,481 84/100 shares issued) | $ 24,388,002.58 | $ 22,542,972.76 |

# Your Eyes - - Cherish Them!

## *No One Has Ever Succeeded in Making a Glass Eye That Worked*

By Louis Resnick

THE eye is a more delicate and more complicated mechanism than the finest watch in the world; the best watch can be bought for a few weeks' pay; a human eye that will see cannot be bought for all the money in the world; yet thousands of men and women every day expose their eyes to hazards of flying particles to which they would not think of exposing the inner mechanism of a watch.

Few people would think of giving a small child a hammer and a watch to play with at the same time; yet at this moment there are undoubtedly thousands of youngsters playing with sharp pointed scissors, just as destructive to the eye as a hammer would be to a watch. Few of us would think of taking a watch to a plumber or cabinet maker for repairs, but thousands of factory and office employees every day try to perform minor surgical operations on their eyes or call on fellow-workers—stenographers, clerks, machinists and carpenters—to remove particles from their eyes. And in this process—as shown by original photographs in the possession of the National Committee for the Prevention of Blindness—pocket knives, compasses, screw drivers and manicuring files are often used on that most delicate and priceless possession, our eyes.

There in a nutshell is the story which I should like to make clear to everyone.

Every year the sight of thousands of men, women and children is blotted out forever or seriously impaired by accidents nearly all of which could easily have been avoided. Accidents, in fact, now constitute by far the most frequent cause of total and partial blindness. A list of the varieties of accidents with which we are confronted at home, at play and at work, and the methods of preventing such accidents, would fill an entire issue of this publication. We must, therefore, limit ourselves to a few typical accidents and just a word of caution as to their prevention.

In the first place, there is no such thing as a non-hazardous industry so far as eye injuries are concerned. Wherever men and women are employed there is bound to be the danger of flying particles of dust, cinders, stone, metal or wood; the danger of injurious chemicals and splashing molten metal and sometimes of injurious light and heat rays; and of innumerable other accidents peculiar to the condition of the particular plant or office. Where such hazards exist progressive employers provide the necessary protective devices—goggles, shields and other safety equipment; all that is necessary is that the employee use these devices wherever they are provided, ask for them when they are not available, and exercise ordinary care for his own safety and consideration for that of the other fellow. The practical joker who shoots pins and paper clips and does other supposedly funny stunts in the work shop or office has robbed many a man and woman of his sight.

The eye hazards at home are also of great variety. Among the more common are: burns from the splashing of lye and other cleaning preparations; flying tacks and nails; and jabs from knives, forks and scissors. Oculists everywhere have to treat cases in which a table fork or pocket knife, used to untangle badly knotted shoe laces, slipped and cut the person's eye. Similarly, attempts to remove caps from bottles and covers from food jars with the aid of knives, forks or ice-picks—a common practice in millions of homes—every year destroy or badly damage hundreds of eyes.

We do not propose, of course, that the lady of the house wear goggles or that the man of the house use at home the same protective equipment that he would in the shop. There is needed merely, first, a recognition of the dangers to the eye in the home and, second, the use of common sense in guarding against them. This means that bottles, jars and jelly glasses will be opened with devices made for that particular purpose rather than with knives, forks and screw drivers; that shoe laces will be untangled without the aid of pocket knives, forks or ice-picks; that nails will be hit square on the head instead of glancing blows; and that step ladders will be used

(*Continued on page 11*)

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*Mr. Resnick, author of this article, is an official of the Society for the Prevention of Blindness.*

# How It Grew!

## *The United Gas Improvement Co., Starting Modestly, Is Now 100 Times Its Former Size*

TYPICAL

The Rocky River (Conn.) development, with its reservoir, dam, canal, pipe line, power house and substation, is typical of the way U.G.I. does things

FORTY-FIVE years ago, when the power industry was as yet hardly dreamed of, an organization known as the United Gas Improvement Company was incorporated. This organization began with a capitalization of $2,000,000. Today, largely because of the ability, the foresight, and the integrity of its leaders, the company has grown to an organization worldwide in its interests, with a capitalization of nearly 100 times that of the original corporation.

It was through the research work of T. S. C. Lowe that the company was originally founded. Mr. Lowe had long studied the methods of making illuminating gas, and had found them inefficient and wasteful, and only capable of making a low-grade product. In 1882 he perfected a method by which gas—then the commonest form of illumination—could be made more economically and thus more cheaply—and of a higher quality as well. The possibilities of this new process were quickly recognized, and the result was the formation of the company, known everywhere now as the U. G. I.

Originally, this company planned only to sell and install the Lowe Process, as it was called. But presently it began to improve upon this process, and to operate gas plants of its own. Several plants were purchased in the course of a few years in various parts of the country, and a controlling interest was gained in several others.

When electricity became a serious competitor of gas as a means of illumination, the U. G. I. began to add electric properties to its holdings. From a small beginning, its interest in the electrical industry has grown to large proportions. Today it has a substantial interest in some of the largest electric utilities in the country, in addition to its own electrical properties.

Nothing illustrates the reason for this company's success better than an incident which happened last year. For 30 years the U.G.I. had been operating the municipal gas plant of Philadelphia. Last year the lease terminated. But the city had been so satisfied with its service during these last 30 years that a new lease was drawn up for an indefinite period. This was a high honor, but it had been earned. During its years of operation, the U. G. I. had made many improvements, reduced rates, and earned money for the municipal government—a record hard to beat.

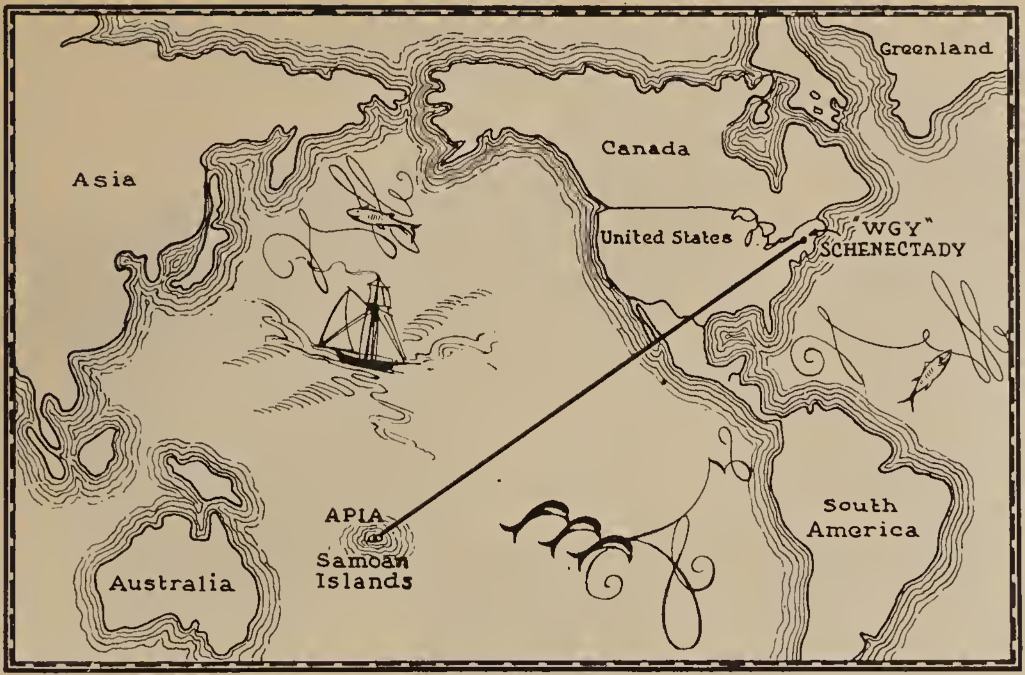
For a number of years, the U. G. I. operated a division which specialized in the construction and design of gas plants. Many such properties were built for companies throughout the United States. When the company became interested in electric utilities, the design and construction of steam power stations and hydro-electric stations were also undertaken.

Gradually, however, this work became so important that it was decided to incorporate a separate company for the work. In 1919, the U. G. I. Contracting Company was organized, for the express purpose of doing a general business in the design and construction of public utilities and in other general contracting work. This company is owned by the U. G. I.

This contracting company has been highly successful. It has built several dams for the United States Government on the Ohio River. It has built industrial buildings, among them Bldg. 37, Schenectady Works. It has built a number of important bridges. And in the eight years of its corporation life, it brought itself to a position of recognized importance among the large contracting firms of the country. Now it is superseded by another firm, the United Engineers and Constructors, Inc., which is a combination of the U. G. I. Contracting Company and several others. This company, it is safe to say, builds almost anything. Mills, shops, foundries, chemical plants, pipe lines, harbor and dock works, railroad terminals, power stations, transmission systems, hotels, office buildings, bridges, are a few items in the list of its projects.

It is interesting to review the growth of a company like the original United Gas Improvement Company. Its modest purpose in the beginning was to sell and install gas-making equipment. Today it owns and operates gas plants, street railways, electric power stations, and a multitude of other utilities. And, in addition, it engages in contracting work which takes it into every corner of the world. An amazing growth! It is also interesting to notice that for the first three years of its existence this company paid no dividends. But since 1885 it has never failed to pay its dividends.

It is with such progressive and well-managed companies as the U. G. I. that the G.E. Employees Securities Corporation invests your money. Your bonds could have no better security.



# It's a Long, Long Way to Samoa

FAR out in the Pacific Ocean is a small group of islands called the Samoan Islands. These islands are located near longitude 170 degrees west from Greenwich and about 20 degrees below the equator. Translated, in case your geography is a little rusty, this means that they lie north of New Zealand, directly south of the far edge of Alaska, almost due west from Lima, Peru, and that they have for their neighbors the Friendly Islands, and what we were brought up to think of as less friendly, the Fiji Islands.

WGY, the G-E broadcasting station, recently received a letter from a fan in Apia, Samoa, which shows that we are not so far away from Samoa as Samoa is from us. Here is the letter, in part:

"For some weeks past I have been picking up your broadcasts from New York and Buffalo and am anxious to purchase a better outfit than I have. My set at present is a home-made affair consisting of two low-wave coils, one valve (tube), and four telephone dry cells and nothing else. I originally got it for picking up Morse signals, for which purpose it is quite satisfactory. Some weeks back I managed to pick you up and have done so consistently ever since. The music is clear enough to appreciate and your announcements are quite distinct. From New York to Samoa is roughly eight thousand miles and it must be worthy of note that a weak set can register over that distance. We are right in the tropics and the nearest land, New Zealand, is 1500 miles distant. The climate is very moist and those who have purchased radio outfits have had practically no success with them. I have been given to understand it is necessary to have the parts of the set specially made for here and even then they would not be satisfactory. I am loathe to believe that such is the case, especially after my experience, and hence write you people to ask what you think of the matter."

The author of the letter then asks a number of specific technical questions, and concludes with the following:

"Might I suggest that when your announcers are telling listeners of the items to be given the musicians refrain from tuning up. It is often difficult to hear."

---

## The Lost Idea

*He had the thought he could improve upon*
*The working method they had followed long,*
*An easier way in which it might be done,*
*Yet he was timid, fearing to be wrong.*

*He'd thought it out. "It ought to work," said he,*
*"I wonder what they'd say should I suggest it?*
*I wonder if they'd think enough of me*
*To pay attention to it or to test it."*

*Still in his breast he kept his secret hid,*
*Thinking and fearing there was nothing to it,*
*Until one day another came who did*
*The work in just the way he'd thought to do it.*

*Lost was his chance. Had he but spoken when*
*The thought was born, then his had been the glory;*
*But life will seldom wait for timid men,*
*The bold rise high, and that's another story.*

*The Moral's plain and clearly understood,*
*There's none, I think, today who will deny it:*
*A good idea isn't any good*
*Unless you also have the pluck to try it.*

EDGAR GUEST.

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## Your Eyes -- Cherish Them

(*Continued from page 9*)

in place of rocking chairs and tea-wagons to reach high places on the wall.

Of the eye hazards at play two are of such seriousness as to warrant mention in this limited space to the exclusion of all others. They are the accidents caused by air-rifles and fireworks, not only during the Fourth of July, but at Christmas and other holidays in various parts of the country. Every Christmas thousands of boys get a gift that most boys want—an air-rifle and its use is quite safe in rural districts. But every January and February brings a high toll of eyes damaged or destroyed by shotgun air-rifles used in cities and other thickly populated communities.

Despite all the publicity that has already been given to dangers involved in the shooting of fireworks by very young children and in the indiscriminate use of fireworks by older children and adults, a surprisingly large number of casualties resulting in blindness or badly impaired vision are reported each year shortly after Independence Day.

And now let us conduct a little experiment. At the close of this article, shut your eyes for just half a minute and with all the power of concentration at your command try to imagine during that half minute how it would feel for you to spend the rest of your life with your eyes shut. Do that conscientiously; then go home and appoint yourself safety engineer to the family.

# *It's Great at French Point Camp!*

The swimming cove

. . . and three you go

French Point's bathing beauties

One, two, three, swim!

Off for an afternoon's row

The family get-together

The Campus

"Bon voyage"

# GIRLS' SECTION

## Elex Club News

LOUISE HILGER, one of our two Elex delegates to the summer conference of Industrial Clubs held at Camp Gray, near Saugatuck, Mich., July 3rd to 13th, was elected secretary of the Council of Camp Gray Area. This comprises the states of Indiana, Ohio, Illinois, Michigan, Wisconsin and Missouri. Elex Club members feel quite proud of Louise and are sure that she will ably fill the position.

* * *

Elex Club members had their second week-end for this season at Camp Yarnelle on August 11th and 12th. These week-end trips to camp are a treat to the girls who like the outdoors, as there is boating, bathing and tennis, besides the other incidental entertainment which is sure to materialize when the girls get together. At the first week-end at camp there were twenty-five Elex girls and more were expected to sign up for this second camp.

* * *

Elex girls should set aside Saturday afternoon, September 15th, for that is the date when club members go up to the Zimmerman cottage for an outing. The group will meet at the Recreation Bldg. at 2:30 p.m. and go out in G-E trucks. A picnic supper will be served, and a good time is assured to all. Tickets are 25 cents and can be purchased from members of the social committee. Marie Blough, Bldg. 26-2, is chairman of the social committee.

Louise Hilger

* * *

The annual banquet and meeting of the Elex Club will be held on the last Wednesday in September, that is September 26th. At this meeting new officers, who in the meantime will have been selected by letter ballot, will be installed. Louise Hilger and Mae Wolfcale, Elex delegates to Camp Gray, will give reports of the Camp Gray conference they attended in July.

## Industrial Service Girls Have Swimming Party and Picnic

THE girls from the Industrial Service Dept. had a swimming party and picnic at the Elks' Country Club, on July 25th. The nine girls started forth in the following manner: Margaret Nash transported Helen Hall, Luella Bullerman, Annette Bauman, Grace Phillips and Irene Meyers in her Essex sedan, and Irene Fox took Lois Miller and Esther Moll in her newly acquired Chevrolet coupe.

Upon reaching their destination the first thing to attract their attention was the swimming pool, and everyone dashed into the bath house and donned bathing suits. The suit which Helen Hall wore deserves special mention as it was a 1913 model, loaned to her by Margaret Nash. Seeing it on Helen reminded one of the dancing costumes of the ancient Greeks with the exception that Grecian costumes were held in at the waist while the suit that Helen wore retained those straight, slenderizing lines.

Lois Miller and Luella Bullerman had some trouble summoning up enough courage to go down the slide. Finally, however, the girls took the drop. Lois, with the expression of a martyr and with feet high in the air, hit the water with such force that she was completely submerged. The only regret of the girls, who witnessed the descent, is that they could not get a motion picture to show to Luella and Lois.

At the appointed hour the picnic lunch, which had been prepared, was disposed of. It is said that not even a crumb was left. After several rounds of stories and songs, accompanied by laughter and much swatting of mosquitoes, the girls returned to the city, sorry that the enjoyable event was over.

## Girls' Baseball Team Picnic

ON July 27th the members of the G-E girls' baseball team with their manager, Eddie Kammeyer, and scorekeeper, Harry Johnson, motored to Oliver Beach for a swim and picnic lunch. The bathing was first on the schedule after arrival at the lake. The boys either thought the water too cold or perhaps were a bit bashful, for they did not go in. Some fancy diving exhibitions were furnished by some of the girls and everybody seemed to enjoy the cool water. The bathing only served to give everyone a keener appetite and certainly none failed to do justice to the dinner that was prepared.

It required considerable coaxing before Harry Johnson took his place at the table, but Hilda Walda finally prevailed on him

Mae Wolfcale

to join the crowd and everybody was happy. Eddie Kammeyer distinguished himself as a waiter and at the same time kept a plentiful supply of good things within reach of his own place.

On the way home the party stopped at Rome City where Hilda Walda and Eddie Kammeyer displayed real pitching skill by each winning a box of chocolate cherries in a game of knocking down milk bottles with a baseball. Everyone tuned up in song on the homeward journey and even if the music would not have pleased the ear of a music critic it suited those who were present and formed a fitting climax to a picnic that was in every way a success.

The girls in attendance were: Hilda Walda, Anna Scott, Leola Foster, Mercedes Grimm, Alma Enderle, Helen Wilson, Helen Oser, Rachel Goings, Mary Armstrong, Ruth Holle, Mary B. Thomas, Minnie Bibler, Ruth Snyder, Irene Fox, Audrey Bowman and Esther Moll.

## All-G-E Girls' Picnic

ONE hundred and forty-six girls, attended the all-G-E girls picnic and wiener bake in Foster Park on August 2nd. The girls. met at the Recreation Bldg. immediately after work and climbed into G-E trucks for a jolly, jolty ride out to the park. Upon arriving they found that some of the personnel girls had preceded them and had all arrangements made for roasting wieners and serving the picnic lunch. After the food had disappeared everyone who was able joined in playing games.

The personnel girls, Irene Fox, Irene Meyers, Marie Blough, Lois Miller and Grace Phillips, with Esther Moll as chairman, arranged the picnic.

## Meter Dept. Girls Have Week-End Party

FOR the week-end of June 30th a group of the girls who manufacture leads in the Meter Dept., Bldg. 19-4 and 5, had a cottage at Webster Lake. The picture of the girls was taken at the Bus Terminal before leaving the city, and judging from the smiles on all their faces they were anticipating a jolly good time. They spent most of the time in bathing and boat riding, and each girl brought back a nice coat of sunburn, a reminder for several days of the happy week-end. In the party were Lucretia Garringer, Margaret Gidley, Helen Wilder, Mildred Carpenter and Dorotha Passon.

## T.N.T. Club Outing

MEMBERS of the T.N.T. Club enjoyed an outing, July 8th, at the country home of Mrs. George Heller near Columbia City. As this outing took the place of their regular monthly meeting the regular games of bunco were played, the prizes going to Gladys McMillan, Corrine Schreiner and Mrs. Heller. Mrs. Bessie Vassaux and Mabel Liggett were guests and were each presented lovely guest prizes by the hostess. Later in the evening, Mrs. Heller served a delicious buffet luncheon. Members of the club present, besides Mrs. Heller, were Ireta Erwin, Corrine Schreiner, Edith Schreiner, Dewey Wickliffe, Edna Etzler, Bertha Heckler, Viola Haggerty, and Gladys McMillan.

## Meter Dept. Office Girls Have Picnic.

A GROUP of girls from the Meter Dept. Offices, Bldg. 19-5, went out to Foster Park immediately after work on July 9th, and enjoyed a picnic supper.

Helen Bleke, Berniece Jordan, Marcella Kirkhoff, Mrs. Mary Thomas, Elizabeth Genther, Marie Buckley, Ruth Martin, Hilda Barthold, Mildred Stoll, Alice Dunn, Alma Whitte, Mario Kramer, Ruth Multon, Dorothy Dungan, Lenora Schoppman, Velma Linnemeyer and Genevieve Pelz made up the group of office girls. Ione and Zella Thomas and Mary Evelyn and Ralph Martin were guests.

## Shower for Bride

MRS. ZOLA JOHNSON was hostess to a group of her co-workers in the Wire and Insulation Dept., Bldg. 8, on July 2nd, at her home on Lieth Street. The occasion was a miscellaneous shower in honor of Mrs. Herman Braun, nee Nadine Denny, a June bride. The girls spent an enjoyable evening and at a late hour, Mrs. Johnson, assisted by Waneda Lindeman, served a delicious lunch.

Present were: Mrs. Johnson, Mrs. Braun, Leona Farra, Mrs. Faye Voss, Matilda Jensen, Goldie Harshbarger, Helen Hartman, Waneda Lindeman, Clara Clark, Jessie Dice, Evelyn Aichles, Clara Gephardt, Hilda Hammersmith, Clara Grodrian and Dorothy Cessna.

## Announcement Party

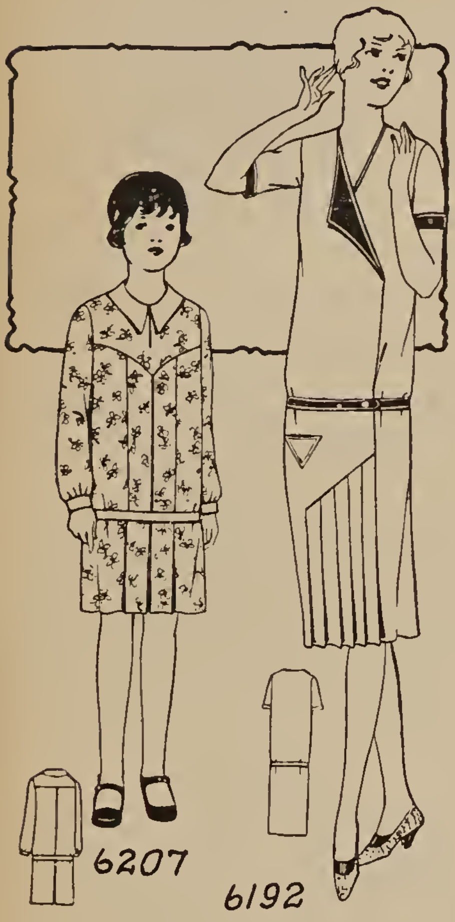
A LOVELY party was given by Roxie Liddy, Transformer Dept., Bldg. 26-2, on July 25th, at which time she announced her approaching marriage to J. Rolland Etzler. Progressive bunco was played at three tables, Ann Bishop winning high score while Gertrude Snyder was awarded the consolation prize. Later in the evening a delicious luncheon was served. A small card concealed in the fold of each napkin contained the announcement "Roxie and Dick, September 10th, 1928."

Those present were Bessie Chapman, Nora Coburn, Ann Bishop, Gertrude Snyder, Theresa Thomas, Erma Zion, Agnes Sovine, Vera Harrison, Grace Chaney, Marie Saff and Erma Linder.

METER DEPT. GIRLS

*Left to right*—Lucretia Garringer, Margaret Gidley, Helen Wilder, Mildred Carpenter, Dorotha Passon

# *Inexpensive Patterns for Home Dressmaker*

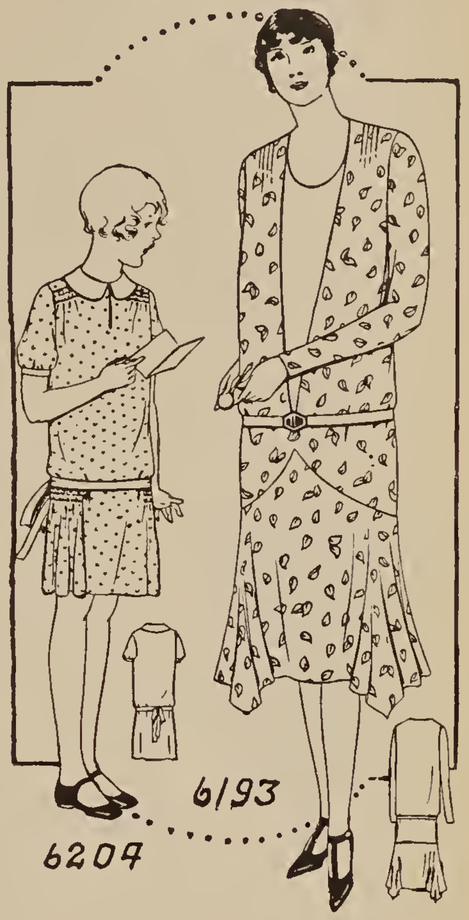


6207. Girls' dress, cut in 4 sizes: 4, 6, 8 and 10 years. A 6-year size requires 2¾ yards of 27-inch material, together with ¼ yard of contrasting material.

6192. Ladies' house dress, cut in 6 sizes: 34, 36, 38, 40, 42 and 44 inches bust measure. A 38-inch size requires 3½ yards of 36-inch material together with ½ yard of contrasting material. The width of the dress at the lower edge with plaits extended is 2 yards.

6201. Misses' dress, cut in 3 sizes: 16, 18 and 20 years. A 16-year size requires 3¾ yards of 35-inch figured material together with ½ yard of contrasting material. If made with the long sleeve portions and cuffs 4¼ yards of the figured material will be required. The width of the dress at the lower edge with fullness extended is 2½ yards.

6205. Girls' dress, cut in 4 sizes: 8, 10, 12 and 14 years. A 14-year size requires 2⅞ yards of 36-inch material.



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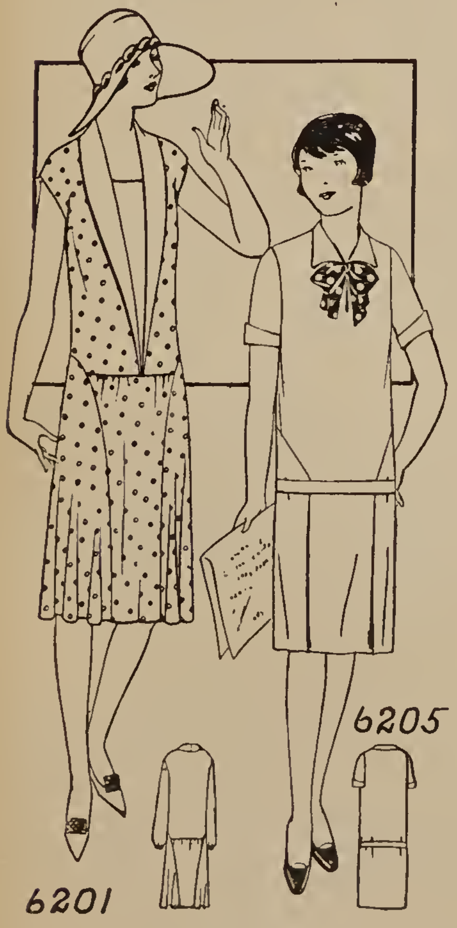
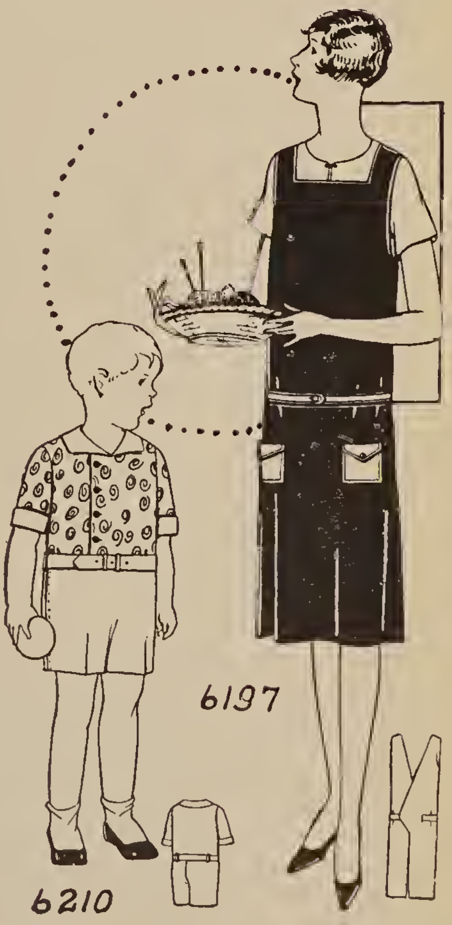


6204. Girls' dress, cut in 4 sizes: 4, 6, 8 and 10 years. A 10-year size requires 2¼ yards of 36-inch material together with ½ yard of contrasting material.

6193. Ladies' dress, cut in 9 sizes: 38, 40, 42, 44, 46, 48, 50, 52 and 54 inches bust measure. A 44-inch size requires 4¼ yards of 35-inch material, together with ¾ yard of contrasting material. The width of the dress with fullness extended is about 2½ yards.

6210. Boys' suit, cut in 3 sizes: 2, 3 and 4 years. A 3-year size as illustrated requires 1¼ yard of 36-inch material for the trousers, and for facings on collar, cuffs and belt, and ⅞ yard of contrasting material for the waist and sleeve portions.

6197. Ladies' apron, cut in 4 sizes: Small; 34-36; medium, 38-40; large, 42-44; extra large, 46-48 inches bust measure. A medium size requires 2½ yards of 36-inch material together with ¼ yard of contrasting material.



Any of the up-to-date patterns may be obtained by remitting 10 cents in stamps, check or money order to the GENERAL ELECTRIC NEWS Pattern Bureau, 11-13 Sterling Place, Brooklyn, N. Y. When sending your order be sure to mention size wanted; write plainly your name, street address and city. All patterns are sent to customer by first-class mail. Fall and Winter 1928, Book of Fashions, containing 500 designs of Ladies,' Misses' and Children's Patterns, a concise and comprehensive article on dressmaking and some points for the needleworker, may also be secured for 10 cents.

# JUNIORS' PAGE

Dear G-E Juniors:

The puzzle in this month's News is quite different from the ones that have been appearing on the Junior's Page. To solve it, just take a pencil and blacken all the spaces excepting those containing the letters found in the word "August", and you will then find an animal you have all seen on farms. It will not be necessary to cut out the puzzle, just tell me the name of the animal that you find. Probably some of you who live in the city will spend part of your vacation in the country and some of you live in the country, so no doubt you will all find this puzzle quite easy to solve.

Reginald Gerig, Mildred Shores, Ruth Eylenberg, Elmar Devaux, and Wanda Chupp from Fort Wayne and Gilbert Kenneth Egley and Kenneth Nyffeler from Decatur, all received prizes in the fruit puzzle contest in the July G-E News. I also received nice letters from Helen Hickman, Harry McClure, Berniece Moore, Albert Devaux, Don Black, Ruth Swank, Marie Schwartz, Celeste Schwartz, Dorothy Eylenberg, Clara Eleanor Houck and Dorothy Prange from Fort Wayne, and Dorothy Miller, Catharine Jackson and Mildred Hesher from Decatur.

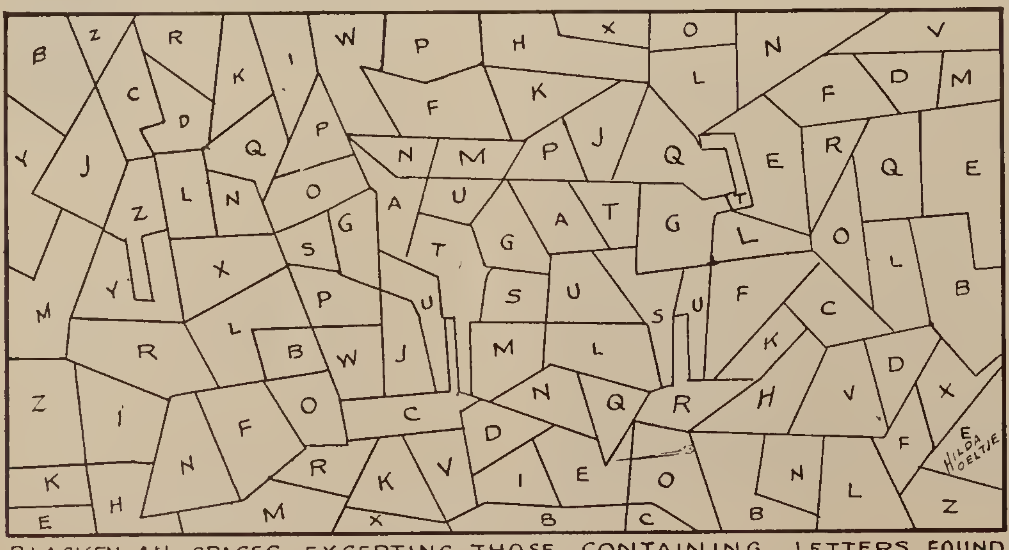
Your letters were all interesting and I am glad to hear from so many of you, especially as it is vacation time and you are all so busy playing out-of-doors. Ruth Swank told me about spending a two weeks' vacation in Illinois and crossing the Ohio River into Kentucky. Helen Hickman spent two weeks at Lake James and learned to swim, dive and float. That's fine, Helen. Dorothea Eylenberg has three pet canaries named Dickie, Bobbie and Snookums. She also said she would like to write to some of the other Juniors. That would be nice, I think, so next month on the Junior's Page I will publish the names and addresses of the G-E Juniors who have written to me since June of this year.

Again I must caution you to be sure and put your full name and address on your letters. Last month I received a letter from some little girl who just signed it "Dorthea," and gave no address. Then another letter wasn't signed at all but the little girl or boy who wrote it lives at 1602 N. Harrison Street. Now suppose these two Juniors should win prizes. I couldn't send them and I can't even give credit on the card record we keep to decide the winners of the big prizes at the end of the year, for we don't know who these little folks are. Don't you see how necessary it is that you give your full name and address when you write to me?

Even if it is the hot month of August and you are away on vacations don't forget to send me your solution to the puzzle. And I'll be interested to know just what you have been doing since you wrote me the last time, so I'll be expecting a lot of interesting letters from you G-E Juniors.

Yours sincerely,

Jill



BLACKEN ALL SPACES EXCEPTING THOSE CONTAINING LETTERS FOUND IN "AUGUST"
YOU WILL THEN FIND AN ANIMAL YOU HAVE ALL SEEN ON FARMS

## Weddings

*(Continued from Girls' Section)*

**Ploughe-Risser**

On June 10th, Milroy W. Ploughe, Apparatus Testing Dept., Bldg. 19-1, and Mae Risser, daughter of Mr. and Mrs. Wm. Risser, of this city, were married at Robinson Chapel, seven miles northeast of Fort Wayne. Mr. and Mrs. Ploughe will reside at 908½ Rivermet Ave.

**O'Brien-Ball**

Ann Ball, Winter Street Plant, and Thomas R. O'Brien, Service Bureau, Bldg. 19-2, were united in marriage at 3 o'clock, June 30th. The ceremony was solemnized at the rectory of the Cathedral of the Immaculate Conception with Rev. Thomas Conroy officiating. Virginia Althouse and Justin Beuret were the attendants. After the ceremony an informal reception was held at the home of the groom's mother. Later the young couple left on a motor trip to Washington, D. C., and other points east. For the present, Mr. and Mrs. O'Brien are at home with Mr. O'Brien's mother, Mrs. Ada O'Brien, at 1118 Fulton Street, until their own home on Prange Drive is completed.

**Owen-Daseler**

William H. Owen, Toolmaking Dept., Bldg. 17-4, and Ruth Daseler, daughter of Mr. and Mrs. C. L. Daseler, were married on June 16th in the parsonage of the Emmaus Lutheran Church, the Rev. Fred Wambsganns officiating. Mr. and Mrs. Owen are now at home at 2144 So. Broadway.

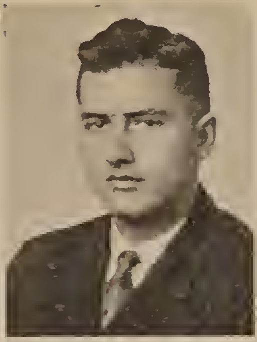
**Cuney-Anderson**

The marriage of Cecelia Anderson, Winter Street Plant, and Lawrence Cuney took place July 4th at the St. Andrews Catholic Church. Mr. and Mrs. Cuney are now at home with Mrs. Cuney's parents, Mr. and Mrs. Peter Anderson, at 1508 Fletcher Ave.

**Kinnaman-Brown**

At 6 o'clock in the evening, July 7th, Dorothy L. Brown, Distribution Dept., Bldg. 18-1, and Robert Kinnaman, were united in marriage. The young couple may be found in their new home on Stophlet Street.

Ellis Bleke


Carl Mann

Herman Brown

# Five Apprentices Complete Course

THE net increase in the number of apprentice students during the past month is one. During this period five finished their courses of instructions and six enrolled and started in on their apprentice work. The five students who completed their courses—two machinists, one draftsman, and one electrical tester—are:

Herman Brown, a New Haven and Fort Wayne boy who had taken the machinist and toolmaker's course, finished his work on June 30th. He has been assigned to work with the toolmakers in the department under foreman Frank Hoffman, Bldg. 26-5. The anniversaries of his completion of the apprentice training will be of double interest to him as they also will mark the years of his married life.

Ellis Bleke, who comes from the neighborhood of Huntertown, completed the machinist and toolmaker course on June 30th. In addition to his regular apprentice work he has taken up a course in Foreman training. At present he is doing special work in the Apprentice Dept.

Carl Mann comes from Decatur, his grade and high school work being taken in that neighboring city. He took the draftsman's course here, finishing it on July 21st. Mann, who incidentally, is something of an athlete, is now working in the Apparatus drafting section under the direction of A. D. Kelker, Bldg. 19-3.

Ivan Butler took the electrical tester course, completing it on June 30th. He came to us from Spencerville, Indiana, after finishing his high school work there. During his apprentice period he took part in interdepartment athletics, playing on the basketball team. Since his graduation he has been working in the Apparatus Test, Bldg. 19-1.

Paul Berghorn finished the course for draftsmen apprentices on July 28th and was assigned to regular work in fractional horsepower motor drafting. Before starting his apprentice training he graduated from Central high school here in Fort Wayne. He has been a member of basketball, baseball and water polo teams and at present is managing the indoor baseball league.

All of these apprentice graduates did good work in both classroom and shop and with their diplomas received the full bonus paid to successful students. The General Electric Company extends its congraulations to all five of them.

Paul Berghorn

Ivan Butler

The six new apprentices enrolled during the past month are: Charles Coles, a graduate of Huntington high school; Harold Knepp, a graduate of Roanoke high school; Richard Newcomb and Paul Berlein, graduates of Fort Wayne South Side high school; Donald Lewis and John Knute, graduates of Bluffton high school. Coles and Berlein are taking the machinist and toolmaker's course, Lewis the patternmaker's course, Knepp the electrical tester course and Newcomb and Knute the draftsman's course.

## Deaths

### Frank J. Stark

Frank J. Stark, of Bldg. 19-1, a brother of Anthony Stark, of Bldg. 17-1, died Saturday, June 30th, at his home, 704 West DeWald. He had been in poor health for the past eight months, and for two months preceding his death had been confined to his home.

It was on July 27, 1906, that Mr. Stark started work here at General Electric, taking a position as a drill press operator in the Apparatus Section machine shop. Two years later he was transferred as drill press operator to the Switchboard Dept., but a year later he was back on apparatus work as a machine assembler under Foreman William Schultz. He continued on this work under Foreman Schultz and Pembleton, his last work being under Foreman Charles Johnston. Mr. Stark was a member of the G.E.M.B.A. and carried the Additional Group Insurance as well as the Free Insurance under which he was protected by our Company. Surviving are his wife, Mrs. Glenora Stark, and one son, Ralph G., of this city.

Frank J. Stark

### Alice Jacquay

Alice Jacquay, a stenographer in the Plant Construction, Bldg. 16-3, died at her home on Walnut Street, July 12th, after an illness of several months. She began her service at General Electric on July 2, 1925, and worked for Mr. Wylie until last April, when it was necessary that she give up her work. She was a sister of Madeline Jacquay, now Mrs. Sylvester Sorg,

Alice Jacquay

worked in the Fractional Horsepower Motor Engineering Dept. Miss Jacquay's funeral was held at St. Joseph's Catholic Church in this city on July 16th, burial being made in the Catholic Cemetery at New Haven.

## Absent Employees

Richard Moore, Winter Street Plant, is ill at his home in Roanoke. He has been absent for several weeks but may be able to return soon.

John Beckman, Winter Street Plant, for several weeks has been confined to his home 3207 S. Calhoun St.

William Ehrsman, Winter Street Plant, who has been absent from work for several months, is reported improving.

Mary White, Transformer Dept., is confined to her home at 3210 Central Drive, recovering from injuries received in an auto accident. She reports that she is feeling some better and is planning to return soon.

Mrs. Alta Lorts, Small Motor Dept., Bldg. 4-4, is now at her home at 3925 S. Hoagland Ave., recovering from a recent operation. Her condition is improving.

Charles Gebhart, Small Motor Dept., Bldg. 4-B, has been absent for several weeks suffering from rheumatism. He reports that he is now feeling much better and believes that he will be able to return before long.

Leland Stultz, Insulation Dept., has also been confined to his home for several weeks suffering from rheumatism. He is feeling some better and hopes to return shortly.

Rose Schnepp, Meter Dept., Bldg. 19-4, who has been ill at her home for several weeks is somewhat improved. We hope for her return by the time the NEWS reaches its readers.

Agnes Grosjean, Meter Dept., Bldg. 19-5, is a patient at the St. Joseph Hospital, recovering from a serious operation. She is convalescing nicely now.

Henry Yaggy, Training Dept., has been kept from work for several weeks because of a broken arm. The injury is healing nicely and he hopes to be back by the middle of August.

Frank Votrie, Small Motor Dept., Bldg. 4-1, who was injured recently when struck by an automobile, is planning on returning soon.

Lloyd Miller, Small Motor Dept., Bldg. 4-5, is at his home at 3412 S. Broadway, recovering from an operation. He expects to return to work about September 1st.

Ezra Garringer, Meter Dept., Bldg. 19-4, who is a patient at the St. Joseph Hospital, recovering from a recent operation, probably will be able to leave the hospital in a short time.

Mrs. Emma Borem, Small Motor Dept., Bldg. 17-2, who is a patient at the Methodist Hospital, where she underwent an operation, will probably be at her home 237 Douglas Ave., when the NEWS is distributed.

## Herman Rehm Retires

Herman Rehm

HERMAN REHM, an employee in the Apparatus Winding Dept., under foreman N. G. Prince, Bldg. 19-2, was granted a pension and retired from active service on August 1st. His continuous service lacked but a few days of 43 years, as it was August 6, 1885, that Mr. Rehm started to work here at our Fort Wayne Plant. His first work was as a helper. John Kiess recalled that Mr. Rehm helped him paint and get ready for shipment the largest order of Jenney Arc machines that had been received up to that time. In a few months, Mr. Rehm was assigned to the job of winding field coils for the arc machines, but he soon was transferred to a job as night watchman for about seven months. He then was transferred to work in the arc test, but after a very short time he went back to the job of field coil winding and followed such work during all the remaining years of his active employment here at Fort Wayne Works.

Mr. Rehm was born in Hanover, Germany, on July 26, 1859. He has a wife and four children. His home is at 1214 Scott Avenue. He lives so near our Plant that no doubt he will take occasion to keep closely in touch with the old friends here at the G-E.

## Are You a Member?

THE members of the Mutual Benefit Association know the protection it affords, but frequently cases come to our attention where an employee is sick or injured and has neglected to become a member. They always express regret that they are without the M. B. A. protection and generally lose no time in joining after their return. Four thousand seven hundred employees are now members. During the last six months $22,005.02 has been paid in sick and accident benefits, and families of deceased members have received $2100.00 in death benefits. Payment of dues was discontinued June 1st and probably will not be resumed until September 1st.

Employees between the ages of 14 and 55 years may join the M. B. A. If you are not a member, and are interested, see your foreman. It's a good time to join.

## Athletics

### G-E Wins Division Honors in Industrial Baseball League

The Pennsylvania nine, by winning five and losing one game, won the championship of Division A, of the Y.M.C.A. Industrial League. The General Electric team won all of their games and are winners of Division B. These two teams will meet to determine the champions of the second round, the winner to meet Dudlo, winners of the first round for the season's honors.

The league enjoyed a very successful season up to the last few weeks, when several teams, seeing they had no chance of winning, withdrew from the league. The split season and division split, intended to maintain interest in the league, did not seem to have the desired effect. The G-E team only played three out of its seven scheduled games.

The standing of the teams at the end of the second half follows:

| DIVISION A | Won | Lost | P.C. |
|---|---|---|---|
| Pennsylvania | 5 | 1 | .834 |
| Bowser | 3 | 3 | .500 |
| International | 2 | 4 | .333 |
| Dudlo | 2 | 4 | .333 |
| DIVISION B | | | |
| General Electric | 5 | 0 | 1.000 |
| Wayne | 1 | 3 | .250 |

### First Half of Inter-Dept. Baseball League Ends in Tie

Inter-department baseball this season has created more than the usual amount of enthusiasm and the league is enjoying one of the most successful seasons of its career. The Winter Street nine is one of the most enthusiastic and has built up a strong team, causing its opponents to strengthen their teams to keep in the running. At the end of the first half, the Winter Street and Apparatus teams were tied for first place and in the play-off the Winter Street Refrigerators won over the Broadway representatives by the score of 7 to 3, thereby winning the cham pionship of the first half. The standing of the first half follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Winter Street | 7 | 1 | .875 |
| Apparatus | 6 | 2 | .750 |
| Small Motor | 5 | 2 | .715 |
| General Service | 4 | 3 | .572 |
| Apprentice | 3 | 4 | .429 |
| Transformer | 2 | 5 | .286 |
| Meter | 2 | 5 | .286 |
| G-E Squares | 0 | 7 | .000 |

## Indoor Baseball Played Outdoors Staging Some Good Games

The championship game of the first half of the indoor baseball league has been postponed for three weeks due to rain. This game should develop into a real battle when these teams get together as the teams are evenly matched. The Main Office team has a slight advantage with "Dizzy" Steeles' ventilated knees, Sherbondy's back flips on third base, Berghorn's short pants and Schultz' sensational base-running. These features are sure to dazzle the youthful Apprentice team who have only a good infield and outfield.

The standing of the teams at present in the second half follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Apparatus | 2 | 0 | 1.000 |
| Tool Design | 1 | 0 | 1.000 |
| Main Office | 1 | 1 | .500 |
| Apprentice | 1 | 1 | .500 |
| G-E Squares | 0 | 1 | .000 |
| Transformer | 0 | 2 | .000 |

## Much Interest in Horseshoe League

More interest is being evidenced this year in the horseshoe league, due probably to the fact that the courts this year have been placed in excellent condition, and the short schedule probably appeals to many entrants. Sixteen two-men teams compose the league and each team will meet the other to complete the schedule. The games are played each noon hour in McCulloch Park on the eight courts, fifty points constituting a game. J. F. Blakely is director of the league. The standing of the teams follows:

| Team | Won | Lost | P.C. |
|---|---|---|---|
| Blakely-Schelper | 5 | 0 | 1.000 |
| G. Waldschmidt-Weidermeyer | 5 | 1 | .833 |
| Bridges-Allen | 4 | 1 | .800 |
| Wedler-Billman | 3 | 1 | .750 |
| Pace-Turner | 4 | 2 | .666 |
| Houser-Wirick | 2 | 2 | .500 |
| C. Foulks-Kloepper | 2 | 2 | .500 |
| N. Foulks-Slone | 3 | 3 | .500 |
| Hibler-Curley | 3 | 3 | .500 |
| Joseph-Voirol | 2 | 3 | .400 |
| Stute-Anderson | 1 | 2 | .333 |
| Walker-Doll | 2 | 5 | .286 |
| Heinley-Eastes | 1 | 3 | .250 |
| Schlund-Hockett | 1 | 3 | .250 |
| Groves-Stoppenkagen | 1 | 5 | .200 |
| Lee-Brown | 0 | 4 | .000 |

## G-E Girls' Baseball Team a Bunch of Sluggers

The G-E girls had an exceptionally strong baseball team this year, winning all of their games by a comfortable margin. In the opening game the G-E tossers won over the Wayne lassies by the score of 17 to 6. Armstrong, Walda, Foster and Scott each connected for circuit blows, the latter contibuting two. In the second affair the G-E girls defeated the Blue Triangle A. A. team by the score of 11 to 2. Scott again turned in another four-base swat while Oser and Coles each made three bases on their blows. To show their first victory was no fluke, the G-E nine again took the Blue Triangles into camp by the score of 34 to 3. Wilson and Foster garnered two home runs each and Walda gathered one. Oser, Wilson and Scott each chalked up a triple. In the fourth game the Wayne Knits again fell victims to the G-E sluggers and had to be contented with a single run while the G-E bats were driving in eighteen. Grimm counted a home. Wilson, Walda and Enderle each registered a triple. "Babe Ruth" Scott had to be satisfied with a measly single.

The team individually carried a heavy batting average, Foster leading with 882, gathering 15 hits in 17 trips to the plate. Coles followed with 800 and Oser was third with 688.

## G-E Girls' Tennis Tournament

The racquet artists of the fair sex of the Fort Wayne Works have organized a championship tournament to determine the Helen Wills of the Plant. Twenty-one lassies have indicated their intention of participating and with the courts in excellent condition some good exhibitions should be staged. The veterans and beginners have been divided into two groups. Each girl will play the other and the two girls having the greatest number of games won to their credit will meet in a championship match, the winner of two out of three sets to wear the crown.

## Duck Pin League Completes First Season

During the summer months when the more strenuous indoor sports are suspended, the more enthusiastic followers of the bowling game organized a duck pin league and kept their bowling eye in condition. Four teams were in the league this season, the first time such a league has been organized, and there will probably be more next season. The standing of the league for the season follows:

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| General Stores | 14 | 4 | .778 | 518 |
| Wire and Insulation | 11 | 7 | .612 | 525 |
| Small Motor | 6 | 12 | .333 | 475 |
| Meter Dept. | 5 | 13 | .278 | 485 |

INDIVIDUAL AVERAGES

| | Games | Ave. |
|---|---|---|
| E. Harkenrider | 18 | 122 |
| D. Hamilton | 18 | 119 |
| W. Cook | 15 | 114 |
| G. Huber | 15 | 112 |
| C. Auer | 18 | 108 |
| F. Quinn | 18 | 107 |
| H. McAtee | 18 | 106 |
| J. Laisure | 18 | 102 |
| A. Froellinger | 6 | 102 |
| D. Voorhees | 6 | 101 |

High individual score—one game, W. Cook, 191.

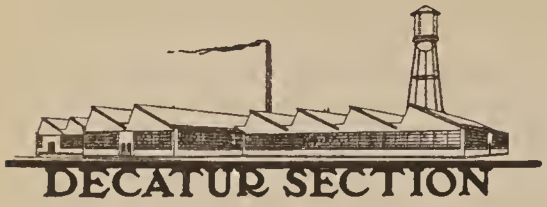
High individual score—three games, W. Cook, 439.

High team score—one game, Wire and Insulation, 625.

High team score—three games, Wire and Insulation, 1744.

DECATUR G-E BAND

*Left to right, front row:* **T. Reed, L. Mallonee, Gould, Glacie, D. Engle, Geary, Enos, Ellsworth, Stucky, Baumgartner, Magner Busche, Stauffer, Ahr.** *Left to right, back row:* **F. Engle, Elzey, Breiner, N. White, Hilton, B. White, Pingry, Fortney, Hower.**



## Some Picnics

IN July, due to the extremely warm weather, several departments at the Decatur Plant hit upon an idea to combat "Old Sol" on his hot weather rampage and at the same time promote a better acquaintance by picnics in the cool woods and at summer resorts.

On Wednesday evening, July 11th, the Assembly and Test Depts. held a picnic in the Pierson Grove, two miles northwest of Decatur. After the lunch had been disposed of the boys engaged in a friendly and spirited athletic meet. Ralph Butler and Charles Miller carried off the honors in horseshoe pitching. Then came a miniature Olympic meet in which Wm. Foreman showed a clean pair of heels to the entire field of runners. In acrobatic stunts, John Holthouse and Ralph Roop were the most clever, limber-limbed boys of the evening.

* * *

On Thursday evening, July 19th, the boys of the Flange Dept. enjoyed a picnic at the home of Fred Busse, five miles west of Decatur. Music at this event was furnished by a quartet composed of H. King, F. Geary, V. Bollinger and A. Schafer.

* * *

On Thursday evening, July 19th, the first picnic and athletic meet of the Black Armature Dept., was held in the Braun woods. Following the supper the crowd of boys listened to an interesting address by Miles Roop on the possibilities of better fellowship from a whole-hearted co-operation of everyone in social and recreational activities. Officers were then elected to plan and direct such social activities during the remainder of the summer season. Gordon Acheson was chosen president, Hubert Omlor, vice president, and Wm. Lindemann, treasurer. Music was furnished by a male quartet, composed of Stevens, Foreman, McClure and Johnson, who sang some old time favorites in which all the crowd joined heartily.

The feature of the evening was the boxing bouts by talent from the shop. Lawrence Breiner and Wm. Lindemann, two welter-weights, boxed three fast rounds to a draw and O. McManama and Egley, two lightweights, boxed three rounds in which Egley won by a very narrow margin. Miles Roop and Cleotus Miller, two promising fly-weights, staged the headliner bout of the evening. These two boys were mixing it every minute, giving their best and each striving for a win. At the end of the four rounds the crowd gave them a rousing hand, everybody satisfied with the decision, a draw.

The next meeting of this club is scheduled for August 2nd.

* * *

Forty-two girls from the Winding and Collector Depts., of Decatur Plant, went by Company trucks to Sunset Park, two and one-half miles southeast of Decatur, on Monday evening, July 30th, for a picnic dinner and general good time. The girls left the Plant immediately after work and were more than ready for the big dinner by the time it could be spread after arrival at the picnic grounds. Raymond McDougal and John Cook, the two men employed in the Winding Dept., were invited to go along and found several odd jobs in connection with the serving of the dinner at which they could make themselves useful. After the dinner everyone proceeded to have a good time at the amusements of the park. Some special races for the girls were features of the scheduled entertainment, and the final event of the outing was a marshmallow bake.

**Girls,**

**Too, Are Urged**

**to Look for**

***"That Better Way"***

## Go to Cedar Point

THIRTEEN girls of the Winding Dept. enjoyed a holiday at Cedar Point, Sunday, July 22nd, going by way of the Wabash R.R. to Toledo, then by boat to Cedar Point. As one girl put it, "There was plenty of dancing and we took in everything in sight."

Those who were in the party were: Luella and Anna Werst, Inez and Ina Heller, Nora Dudgeon, Leota Burnett, Miriam Myers, Juanita McClure, Mary Hill, Esther DeBolt, Hazel Peterson, Martha Fisher and Dora Miller.

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## Initiation Ceremony for the Newly-weds

A COMBINED welcoming and initiating ceremony was held Thursday evening, July 5th, for all the Decatur Plant newly-weds that it was possible to find at home. Mr. and Mrs. Robert Gage and Mr. and Mrs. Harry Merriman were the guests of honor at this event. The entertainment committee provided transportation for these newly-weds in a cattle trailer, from which the couples viewed the city of Decatur on a prolonged and most interesting tour. The tour ended at the home of Bert Gage on North 5th Street and here refreshments were served for the large group of merry makers. At a late hour the party ended, all wishing the happy married couples success and happiness for the balance of their lives.

### Franklin-Patterson

Lawrence Franklin, a lathe operator in the Black Armature Dept., and Esther Patterson, of Huntington, Indiana, were married, Saturday evening, July 7th.

### Miller-Meyers

Robert Miller, a balancer working in the Black Armature Dept., and Margaret Myers, a winder in the Decatur Plant, were married at Coldwater, Michigan, Saturday, June 30th. The many friends of the couple staged a jolly surprise party for them on Monday evening, July 30th, and left behind a present as a material evidence of their best wishes for a happy married life.

# Initiative

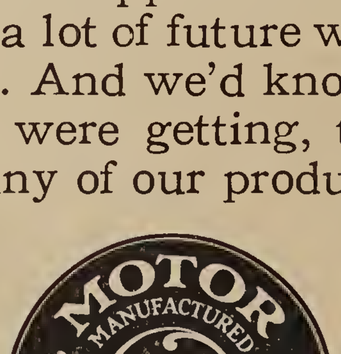
THE world bestows its big prizes, both in money and honors, for but one thing. And that is Initiative. What is Initiative? I'll tell you: It is doing the right thing without being told. But next to doing the thing without being told is to do it when you are told once. That is to say, carry the Message to Garcia: those who can carry a message get high honors, but their pay is not always in proportion. Next, there are those who never do a thing until they are told twice: such get no honors and small pay. Next, there are those who do the right thing only when necessity kicks them from behind, and these get indifference instead of honors, and a pittance for pay. This kind spends most of its time polishing a bench with a hard-luck story. Then, still lower down in the scale than this, we have the fellow who will not do the right thing even when some one goes along to show him how and stays to see that he does it: he is always out of a job, and receives the contempt he deserves, unless he happens to have a rich Pa, in which case Destiny patiently awaits around the corner with a stuffed club. To which class do you belong?

ELBERT HUBBARD.

"OF COURSE, the fractional horsepower motors are built at Fort Wayne, but I was reading in the News a while ago that a large share of the material and parts are supplied from other plants of the Company.

"Brush-holders and molded parts are furnished by the girls at Pittsfield; at Bridgeport they manufacture the cable and leads, switches, receptacles and plugs; in Schenectady shops they make wire, compound, and tape; while special parts come from West Lynn, Erie, and Bloomfield.

"You know, if we all insisted on G-E motors on any motor-driven household appliances that we were buying, we'd be building up a lot of future work for ourselves and the rest of the shops. And we'd know what kind of electric equipment we were getting, too. I've always had good service out of any of our products that I've used."



*In addition to the nameplate and the end shield on the G-E motors themselves, this identification seal is used on stickers and tags attached to most of the appliances equipped with G-E fractional horsepower motors.*

210-94

*This is one of a series of advertisements to show G-E employees the advantages of insisting on a G-E fractional horsepower motor when buying a motor-driven appliance. This series will appear in the Works News of all the factories and in the G-E Monogram, the magazine for office employees.*

# The GE News

September 21, 1928

# Homes of Employees Bought Through G-E Housing Plan

Leon A. Bond,
4317 S. Wayne Ave.

Louis Gernard,
3713 Smith St.

Clarence Hewes,
1830 Vance Ave.

Elden A. Slater, 3725 Bowser Ave

Marion Sprague, 1018 Archer Ave.

F. R. Somers,
1833 Glenwood
Ave.

George R. McAfee, 2515 Hubertus Ave.

Oscar F. Schelper, 3028 Lily St.

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

Vol. 12 September 21, 1928 No. 9

W. H. Finke

Ray Lietz

Rhoda Hill

Joseph Carrier

W. L. Gaskill

# August Awards Total $1,110

WOMEN operators as a rule are more clever than men in handling small parts. In intricate assembly work, where nimble fingers count, women develop greater speed than men. It occurred to Ray Lietz, a cost accountant in the Transformer Division, that women could be preferable to men for assembling the ignition and sign lighting transformers in Bldg. 26-2. He turned in this idea as a suggestion and as a result received $150 award, the highest amount paid at Fort Wayne Works during the past month.

Harry Feaser, Bldg. 19-4, saw an opportunity to improve production by combining filing and loading operations at meter base conveyors, Bldg. 19-B. His idea, as a suggestion, brought him $90 award.

W. L. Gaskill, Bldg. 17-1, saw the possibility of savings by shipping certain swithboard panels in pairs. His method saved bracing and improved crating. Mr. Gaskill was awarded $80 on this suggestion.

John D. Fletter, of Bldg. 19-5, suggested a change in the winding blocks used in 19-5, which would obviate turning the gauging block in winding coils. His award was $50.

W. H. Finke, of Bldg. 6-1, received $50 additional award on his suggestion of using hot rolled steel for transformer lifting lugs. His original award was $45, which he received last November.

Joseph R. Carrier, of Winter St. Plant, was awarded $40 on his suggestion of saving and re-using waste solder at Winter St.

B. D. Rittman, formerly of Bldg. 4-4, received $35 award on suggestion of a special tank for dipping field stators in varnish in Bldg. 4-4.

Rhoda Hill, of Decatur Plant, made a suggestion regarding wrapping wire around the short end of shaft in armature manufacture at Decatur, that would save wire, and she received $30 award.

### On the Cover

*There is little that needs be said about the cover for this issue of the* NEWS. *But perhaps a word or two about the artist, and what he thought as he worked on this picture, will be of interest.*

*The artist intended originally to create a picture which would carry a safety message to G-E workers. But as he worked on, he found that his picture was telling a story of something more than safety. As he painted this picture of a workman returning home after a good day's work, and being welcomed by his little family, it came to him that he was painting not only the SAFE worker but the TYPICAL worker.*

*For the safe worker, after all, IS the typical worker. The man who, like so many G-E men, owns his own home, and who has a wife and a kiddie or two waiting for him to come home every night, must OF COURSE, be a safe worker. There's no other course, when one has dependents, than to play safe while away from them. No man with a shred of self-respect would think of doing otherwise.*

Joe H. Cline, Bldg. 26-2, suggested a change in the insulation on Y-1735 and Y-1368 transformers that would reduce rejections. His award was $25.

Ludwig Kling, Bldg. 26-3, received $20 award on his suggestion regarding change to guide pins used for locating coils of Type H transformers in tanks.

Albert G. Werton, Bldg. 16-3, received an award of $20 on a suggestion regarding a change in method of specifying and ordering switchboard crates.

Carl B. Egts, Bldg. 26-2, suggested a new device to tighten lids on transformers for which he was awarded $15.

Arthur McNamara, Bldg. 19-5, received $15 award on his suggestion of a change in jig used in forming I-16 meter coils.

Bertram D. Brown, Bldg. 4-3, received $10 award on suggestion regarding supplying washers for automatic screw machines in Bldg. 4-3.

Leslie E. Swank, Bldg. 17-2, made a suggestion regarding piping water to grinders in Bldg. 17-2 that brought him a $10 award.

Carl B. Egts, Bldg. 26-2, suggested using clips on certain transformer leads and his award was $10.

L. W. Schuster, Bldg. 26-B, received an additional award of $10 on his suggestion of using less expensive material for wooden blocks used in the Transformer

Dept. His original award on this suggestion was $10.

Jacob H. Bischoff, of Winter Street Plant, was awarded $10 on his suggestion regarding the repairing of dented evaporators for ice machines.

Ralph H. McCain, Bldg. 26-2, received $10 award on his suggestion regarding saving and re-using scrapped compound in Bldg. 26-2.

E. C. Gallmeier, Bldg. 4-1, suggested a re-arrangement of the Bldg. 4-1 Stock Room and was awarded $10.

Kenneth Redding, Bldg. 4-5, suggested that an additional blade be supplied on the agitator used in mixing shellac in the oil house and received $10 in this suggestion.

Joseph H. Plescher, Bldg. 26-B, made a suggestion regarding the stamping of certain radio cases in Bldg. 26-2 and received a $10 award.

Fred A. Barkett, Bldg. 20, received $10 award on suggestion regarding change to contacts on certain winding machines in Bldg. 26-2.

Fred Chronister, of Decatur Plant, was awarded $10 on suggestion that balancing rails at Decatur Plant be placed on special benches.

E. W. Miller, Bldg. 19-4, was awarded $10 on suggestion regarding use of iron filler for I-16 meter bases.

Oscar Baals, Bldg. 26-B, suggestion regarding washing ignition transformer cases in Bldg. 26-B brought him a $10 award.

Five-dollar awards totaling $365 were paid to Fort Wayne Works employees during the period, July 30th to August 27th. Those who received the $5 awards and the suggestions on which they were made are as follows:

Hilda Puff, Bldg. 4-1, supplying screens for lower sections of windows in Bldg. 4-1.

Hovy L. Schrader, Bldg. 17-1, supplying a special wrench for twisting copper in Switchgear Dept.

Jake Weinman, Bldg. 19-B, re-use of worn shear blades in shear in Bldg. 19-B.

O. F. Hambrock, Bldg. 19-5, elimination of staining operation on I-14 and I-16 clamping plate insulation.

Joe Cline

Harry Feaser

Elvie Dafforn, Bldg. 26-2, supplying a hook to hold hoist out of aisle-way in Bldg. 26-2.

Leo Walters, Bldg. 4-5, making up cords for assemblers' use in Bldg. 4-5.

Dallas F. Robbins, Bldg. 19-5, supplying guards at press in Bldg. 19-5.

Harry J. Woodward, Bldg. 19-5, supplying ventilating equipment at cleaning operation in Bldg. 19-5.

T. J. Kitchen, Bldg. 4-1, supplying a new oil pump for milling machine in Bldg. 4-1.

Basil A. Offord, Bldg. 17-3, shortening conveyor guard in Bldg. 17-3.

William Maxwell, Bldg. 10-1, relocating oil switch on drill press No. 401 in Bldg. 10-1.

Arthur F. Sorg, Bldg. 4-1, change to device used for pressing on flanges in Bldg. 4-1.

Harry M. Seitz, Bldg. 19-1, supplying guard for machine No. 2478 in Bldg. 19-1.

Robert O. Payne, Bldg. 19-5, supplying guard at grinder in Bldg. 19-5.

A. G. Wiegman, Bldg. 6-2, additional award packing 50 and 75 amp. IM-14 meters in corrugated paper cartons.

Naomi Hike, Bldg. 19-5, supplying brass inserts for IA-201 connection blocks.

Clarence Seslar, Bldg. 4-1, supplying a new pump for milling machine in Bldg. 4-1.

Bertha Piper, Bldg. 4-4, change to switch at hi-pot in Bldg. 4-4.

Henry Wichern, Bldg. 4-3, change to size of material used for Dwg. 1726739 clamp ring in Bldg. 4-3.

Harry B. Underwood, Bldg. 20-2, supplying guards around pipes at Bldg. 26 platform.

E. J. Stroud, Bldg. 18-2, supplying improved boxes for tabulating machine cards in the Service Bureau.

Sam Sroufe, Bldg. 4-4, supplying additional material for cases Dwg. 3559904 made in Bldg. 4-4.

William G. Schultz, Bldg. 4-3, change to material used for shafts Dwg. M-2062961 made in Bldg. 4-3.

Arthur Laubscher, Bldg. 4-5, supplying a handle for fixture in Bldg. 4-5.

Clarence Schroeder, Bldg. 4-1, installing water line to grinders in Bldg. 4-1.

Carl B. Egts, Bldg. 26-2, change to insulation used with GW-45 and 95 transformers.

Bee Stalter, Bldg. 19-4, supplying brass inserts for IA-201 connection blocks.

Louis D. Hopper, Bldg. 20-1, supplying guard for weight at excelsior bin in Bldg. 17-1.

Ed Martin, Bldg. 17-4, supplying a table for power shears in Bldg. 20-2.

W. C. Macke, Bldg. 19-2, supplying a crane at banding lathe in Bldg. 19-2.

J. H. Bischoff, Winter St., use of a special box for sifting work from shavings at Winter St.

Winifred F. Somers, Winter St., using special cloth for cleaning evaporators at Winter St.

Joseph Hawk, Winter St., change to old McLeod gauges at Winter St. to eliminate loss of mercury.

George H. Graue, Winter St., improved tools for use on Dwg. 2076704 parts at Winter St.

Millard W. Wells, Bldg. 26-3, change to shaft and electrode on welder in 26-3.

Wallace D. Reed, Bldg. 27, supplying hoist for loading punchings at Bldg. 20-2.

Avery Spayde, Bldg. 22, supplying chute for scrap at Mach. No. 3577 in Bldg. 22.

Al. E. Kinsey, Winter St., supplying a guard at conveyor in live storage room at Winter St.

Floyd E. Braun, Bldg. 26-1, supplying double roller guide for certain winding machines in Bldg. 26-1.

Roy E. O'Keefe, Winter St., supplying shades in Experimental Dept. at Winter St.

Jacob H. Bischoff, Winter St., supplying a holder for spraying panel covers at Winter Street plant.

John Howard, Winter St., supplying a device to facilitate turning copper discs for welding machine at Winter St.

Edith Rempis, Bldg. 26-2, use of narrower width paper in winding certain transformer coils in Bldg. 26-2.

Harold E. Guillot, Bldg. 26-2, supplying a stand for sound testing certain transformers in Bldg. 26-2.

Leamon Huffman, Bldg. 19-B, supplying a guard for die used in Bldg. 19-B.

F. Ely Current, Bldg. 26-2, changing foot pedals on certain machines in Bldg. 26-2.

Louis Scherer, Bldg. 2-E, issuing instructions concerning the practice of leaving material on scales.

Basil A. Offord, Bldg. 17-3, changing heat run outlet in Bldg. 17-3 to give more room.

Esther Racine Roux, Bldg. 19-5, relocating hot water pipe along aisle way in Bldg. 19-5.

Esther Racine Roux, Bldg. 19-5, supplying special arm rests for jewel testers in Bldg. 19-5.

*(Continued on page 17)*

# Meter Engineering Dept. Increases Force

L. E. Northshield

N. L. Winter

J. L. Westbrook

H. M. Witherow

COINCIDENT with the consolidation of the Developmental Laboratory with the Meter Engineering Dept., four men, new to our local organization, joined the forces of the Meter Engineering Dept. These new men are L. E. Northshield, who comes to us from the Chicago office, H. M. Witherow and N. L. Winter, transferred here from the Meter and Instrument Engineering Dept., West Lynn, and J. L. Westbrook, who had just finished the Student Engineer course at the River and West Lynn Works.

Mr. Northshield is a graduate of New York University, Class of 1905. He was in the employ of the New York Edison Co. for the first two years following his graduation and was engaged in practical metering problems. For something like five years thereafter he was in the employ of the New York State Public Service Commission and then joined the G-E organization in the Sales Dept. under F. G. Vaughen. After a year in the main office under Mr. Vaughen he was sent to the St. Louis office as a meter specialist. There he remained until the District Office at St. Louis was discontinued. Mr. Northshield was then transferred to the wider territory of the Chicago District which was made to include the St. Louis office and he continued to give his attention to the needs and problems of our customers in the field of meters and instruments. His unusually wide experience occasioned his selection for the position of application engineer here. Mr. Northshield took up his duties here on August 15th.

Mr. Witherow has been a member of the G-E organization ever since his graduation from M.I.T. in 1922. In fact, he was associated with our Company preceding that time, as he took the co-operative course at M.I.T. in which the students spend part time in the G-E plant at West Lynn. On finishing this co-operative course he received both his B.S. and M.S. degrees in electrical engineering. As his co-operative training had given him much of the practical experience acquired by the student engineers, Mr. Witherow was placed at once in the Meter and Instrument Engineering Dept. at West Lynn Works. For the first two years his work dealt with the manufacture and design of meters and instruments and then for about two years he was engaged on the development of new designs of curve drawing instruments. His latest work at West Lynn was in connection with watthour meter design. He came to Fort Wayne Works on July 1st and will give his attention to engineering problems affecting demand meter design and manufacture.

Mr. Winter received his degree from Purdue University in 1926, and went to West Lynn to begin work as a student engineer. About three months of his student course were spent at Schenectady, the balance being divided between the River and West Lynn Works. Last January he was given a position in the Meter and Instrument Engineering Dept., West Lynn Works, transferring from there to our Fort Wayne Works on August 1st. He is now working with Mr. Stark on the engineering in connection with phonograph motors, clock motors, elapsed time switches, etc.

Mr. Westbrook took his training at Washington State college, receiving his degree with the class of 1924. He then took a position in the Standardizing Laboratory at West Lynn Works, but after a year he went to C. Camango in the state of Chihuahua, Mexico, to work for a big operating company, Cia. Agricola, where he looked after their meter and instrument service. Following this year of practical experience he returned to the West Lynn Works and entered the Student Engineer Course, which he completed just before his transfer to Fort Wayne on July 16th. He is at present directing his attention to engineering work on demand meters.

### Notice

"Our dispensary records still indicate that a number of our employees who get foreign particles in their eyes, splinters in their fingers, burns, or other injuries just before quitting time, instead of reporting to our doctor's office "take a chance" and go home only to find later on that this injury becomes more acute and they either wait until the next day or go to their family doctor, which of course complicates the situation. We must insist that employees who get hurt on the premises during working hours report to our Medical Dept. for treatment and instructions."

E. A. Barnes,
*General Superintendent*

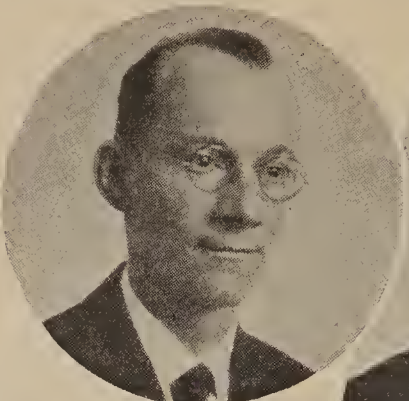
## G-E Squares Plan Final Lake Trip

THE G-E Squares announce their final lake trip for the season to be held at Lake Wawasee over the week-end of September 22-23. As practically all of the new student engineers will have reported for work it is expected that this will be one of the last attended of any of the Club's week-end lake trips.

# Technical Night School Instructors

Raymond L. Hupp

Paul Breimeier


Walter Wolf

Walter Sunier

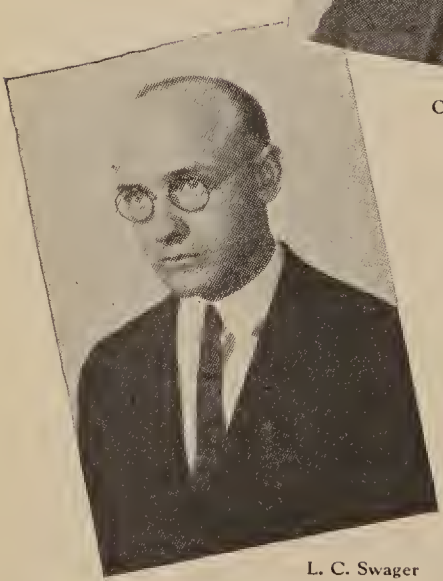
Ruby Kuhns

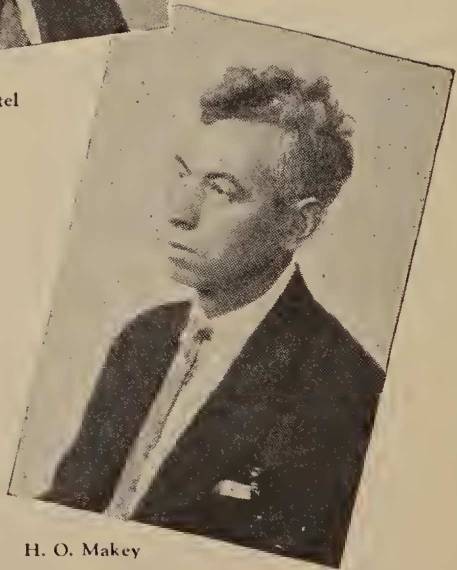
Grace Phillips

R. A. Browder

O. L. Weitzman

George H. Gettel


L. C. Swager


H. O. Makey

# Night School Classes Start September 24th

THE G-E Technical Night School, with its fine record of last year of 220 people completing one or more courses, is looking forward to even a larger attendance this year.

In general, the courses will be conducted along the same line as last year, The school year will be divided into two terms of twelve weeks each. The first term begins the week of September 24th and ends December 15th. Classes will meet once a week, immediately following work, in suitable class rooms about the Plant, as indicated in the night school folder.

There is always another and better job ahead if you will only prepare yourself for it. You have keen competition for that job. Increase your ability by pursuing some systematic line of study and thus make your future advancement more certain.

A check of the records of those employees who have completed courses in the G-E Night School reveals the fact that many are now in responsible positions. Will you waste these opportunities that others use?

### Tuition

A tuition fee of $5.00 will be charged for each course. The fee may be paid in weekly installments of $1.00 each, starting with the first week. Those completing the courses satisfactorily, with an attendance of at least ten of the twelve regular meetings, will re-receive a refund of $3.00. This leaves the total cost $2.00 per course or less than $.17 a lesson.

Text books and other materials may be purchased at cost.

### Subjects

The subjects offered are as follows: algebra, trigonometry, arithmetic and blue print reading, elementary and advanced typewriting, elementary electricity, a-c. electricity, d-c. electricity, mechanical drawing in three parts, public speaking, business English, comptometry, elementary chemistry and machine shop practice.

Other subjects will be given on application, if at least ten people sign up for the course. If you have any question regarding the Night School or any of its courses, get in touch with L. C. Swager, Industrial Service Dept., 'phone 361.

### Instructors

R. L. Hupp, instructor in d-c. and a-c. electricity, is a graduate of the University of Illinois, and is instructor of the classes in electricity in the G-E Apprentice school, Bldg. 12-3.

P. H. Breimeier, instructor in trigonometry and elementary electricity, is a graduate of our Apprentice school, and is now working in the Fractional Hp. Motor Engineering Dept., Bldg. 18-4.

Walter Wolf, instructor in arithmetic and blueprint reading, is supervisor of the Specialist training school, Bldg. 12-3.

Walter Sunier, instructor in public speaking, is a graduate of Purdue University, and is an engineer in the Contract Service Dept., Bldg. 18-1.

R. A. Browder, instructor in elementary chemistry, is a graduate of Valparaiso University and is chief chemist in the Laboratory, Bldg. 28.

O. L. Weitzman, instructor in machine shop practice, is supervisor of the Apprentice school, Bldg. 12-2.

G. H. Gettel, instructor in algebra and mechanical drawing, is a graduate of the University of Illinois, and is an instructor in the Apprentice school, Bldg. 12-3.

L. C. Swager, instructor in mechanical drawing, is a graduate of Purdue University, and works in the Industrial Service Dept., Bldg. 21.

H. O. Makey, instructor in business English, is a graduate of DePauw University, and is an instructor in English at the South Side high school.

Grace Phillips, instructor in typewriting, is a graduate of the St. Catherine's Academy, and works in the Industrial Service Dept., Bldg. 21.

Ruby Kuhns, instructor in comptometry, attended the School of Comptometry in Chicago, and is employed in our Payroll Dept., Bldg. 18-2.

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# Fire Dept. and Band to Have Annual Picnic

SEPTEMBER 22nd is the date set for the annual picnic of members of the Works Fire Dept. and Band at Pleasant View Cottage up the St. Joe. Last year the heavy and continuous rain on the scheduled date caused a last minute change in the plans so that the picnic was held indoors here at the Plant. There is hope that there will be better weather this year.

The first thing on the program is the great dinner for which these picnics are famous. The food will be prepared at our Works Restaurant, but everything will be on the tables at the cottage and ready to serve just as soon as the crowd arrives. During the afternoon the annual ball game between members of the Fire Dept. and Band will settle for another year, at least, which group is the better at this sport. Then there will be individual contests at horseshoes and cards, while those who prefer will find pleasure in the excellent fishing that the river affords. At 6:00 o'clock in the evening a lunch will be served.

A crowd of 125 is expected to be in attendance at this picnic. The list of guests includes Chief John C. Stahlhut, of the City Fire Dept.; Chief Kavanaugh, of the Police Dept.; Sheriff Emrick, Robert Gaskill, electrician for the city fire and police departments; Jacob Hill, Arnold Spiegel and Gus Borgman, members of the Board of Works; J. Banks, Jacob Stahl and R. Spaw, the fire chiefs at Bowsers, Pennsylvania and Wayne Knitting Mills respectively; and the following executives from our Fort Wayne Works: W. S. Goll, J. H. Evans, P. C. Morganthaler, E. A. Barnes, C. H. Matson, A. M. Snodgrass, E. J. Graham, William Wehrs, Henry Stahlhut, Wilbur Young, E. W. Lankenau and Max Holz.

Arrangements for the party are in the hands of E. A. Miller, representing the Firemen and Ben Kline representing the Band. E. J. Sivits and Miss Alma Gerberding, of the Works Restaurant, will arrange the menu and be in charge of serving the dinner and lunch.

# Borchert and Braun Join Quarter Century Club

THE board of trustees of the G-E Quarter Century Club at their last meeting in Schenectady acted favorably on two applications for membership sent in from Fort Wayne Works and accordingly Carl Borchert, Cost Section, Bldg. 18-2, and Edward Braun, Apparatus Drafting, Bldg. 19-3, are now active members of the local club.

It was on January 15, 1901, that Borchert started work here at Fort Wayne Works. An office boy was needed and Carl was hired for the job. There were then only two boys in the messenger service for the office departments, and as Carl remembers it he had plenty of opportunity to earn the $10 per month which he received for his work. For at least a year he was employed as an office boy and then there was an opportunity for him to take a job in the Publication Dept. At first he helped out in reading proof and in handing out stationery supplies, but it was not long until he was given charge of the stationery stock and was writing out the requisitions for the printing of the new and revised forms and correcting the proofs. He followed this publication work until about 1906 when he was transferred to the Superintendent's Dept. and given the chance to learn cost accounting, For some years he followed this work under Mr. Barnes' direction, continued in it after the work was placed under Mr. Evans' control and remained as a leader of the group working on apparatus costs after Mr. Fritz was placed in charge. Since the beginning of this year Mr. Borchert has been assistant to Mr. Fritz, the supervisor of Costs here at Fort Wayne Works. Besides his knowledge of costs accounting, Carl is quite familiar with the haunts and habits of birds, fish and small game. He has the reputation of being a true sportsman when afield and has hosts of friends among his associates here at the G-E.

Carl Borchert

Edwd. Braun

Braun began work here when he was still a little under sixteen years of age and as he completed 25 years of service on August 17th, his recent election to membership in the Quarter Centry Club gives him the honor of being the youngest member of the local club. His first work was on the job of insulating alternator collector rings, but he also was used to carry drinking water for the department from a residence across the street. In October of that year he obtained a transfer to the Drafting Dept., and was placed on the job of making blueprints. The blueprints in those days were made in the attic of the old office, and Braun had the job all alone. The printing was by exposure to the sun, consequently on a rainy day prints could not be made. On a clear day about 150 prints could be made and even with the hand washing and hanging up of the prints to dry one person was able to keep up with the demand for prints. Before he left this job Braun made some of the first prints on an arc light printing machine, which however, was very different from the machines now used.

From the making of blueprints Braun was promoted to the filing of the reference prints down in the Drafting Dept. This was in 1905. When the prints were all in proper order Braun was permitted to try his hand at the job of tracing. From this experience at odd times he became so well acquainted with the job that in six months he was given regular work at tracing. Some two years later he was tried out on drafting and ever since has been working on the board. In 1910, he was assigned to a-c. apparatus drafting and he is now working with that group of draftsmen in Bldg. 19-3. In 1926, Braun had the honor of being elected a representative from this district to our state legislature and he served in that capacity at the last regular sessions of that body.

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## Foremen's Family Picnic

THE all-day family picnic for the families of members of the G-E Foremen's Club was set for Sunday, September 16th, at the Elks' country club. The crowd would drive to the grounds arriving about 10:00 a.m. On the tentative schedule for the morning were some baseball games between picked teams from among the foremen, the physical build being the determining factor in selecting players for opposing teams.

At the noon hour a cafeteria dinner was to be served, arrangements contemplating a crowd of at least 350 people. The afternoon schedule was to be filled with events of particular interest to the wives and children, namely, contests, games and races with prizes for the winners in such events. In the matter of refreshments arrangements had been made for inexhaustible supplies of ice cream cones, orange cider and popcorn and the committee promised there would be balloons for all the children. Everyone was expected to bring his bathing suit as the pool had been engaged for the use of the crowd.

The Entertainment Committee and the Board of Governors cooperated in making arrangements for this affair. The Board consists of Carl Bobay, G. Thiele and L. D. Platt. On the Entertainment Committee are: O. L. Weitzman, chairman, Walter Holloway, Edward Bunting, Elmer Schoenlein, Florian Korte and George Harkenrider.

"There's Always
A Better Way"

Corner of Lindley and Parkview

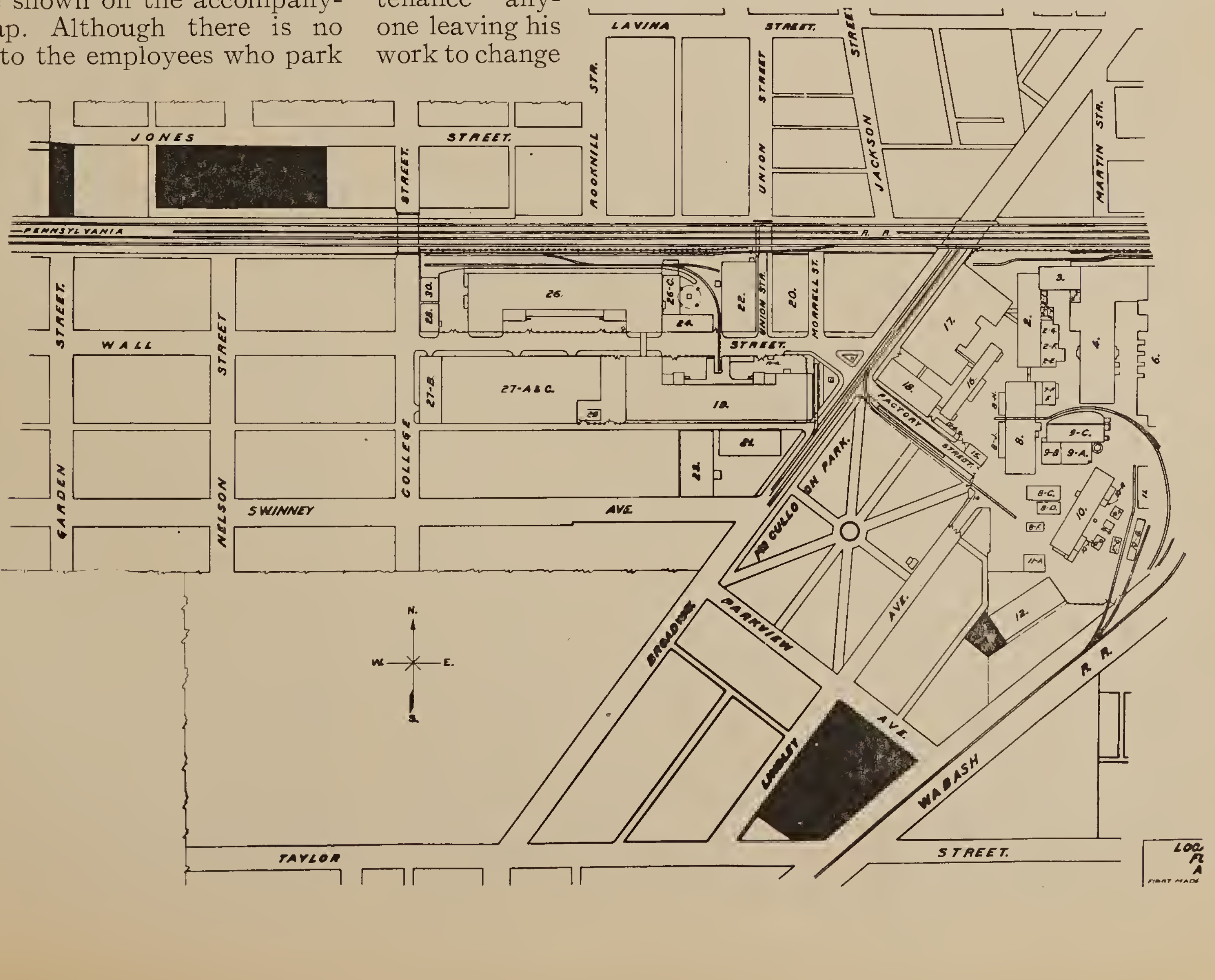
On Jones Street

# The Free Parking Lots

THE Company has provided ample free parking space at all the plants of our Fort Wayne Works to care for the cars of those who drive to work. There is, therefore, no need for employees to park their cars on the city streets. The limited space within the yards at the Broadway plant has made it necessary to arrange for other unoccupied ground nearby for use as parking space. The locations of these G-E parking lots are shown on the accompanying map. Although there is no charge to the employees who park their cars here, employees desiring such privilege must make arrangements with Chief Grimme, as a card record is kept of the cars using each parking lot.

Employees are cautioned again not to leave their cars during working hours on the Fort Wayne streets. There is a city ordinance prohibiting such parking within one-half mile of any industrial plant for a period longer than three hours and the Company could not countenance anyone leaving his work to change the location of his car to thereby escape the letter of the law.

All who use the parking space provided by the Company are expected to park carefully and systematically and to observe any rules the patrol chief may find it necessary to make. Those concerned should remember that such rules will be in the interest of the common welfare, in protecting property, relieving traffic congestion, promoting the safety of fellow employees.



GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

*Published on the third Friday of each month by the General Electric Co. in the interests of the employees of the Broadway, Winter Street and Decatur Plants.*

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**Vol. 12     September 21, 1928     No. 9**

## Safety Paragraphs

### Safety

WHAT is safety? Mr. Webster says that it means "free from danger." Where in this world can one work or play and be free from danger? By reading the papers we find that each day many people are injured on our streets, chiefly by the automobile. Each week-end and holiday brings its toll from numerous causes: drowning, grade crossings, automobile accidents, fire arms, etc. What game can one play and be free from danger? Andy Gump got hit in the eye with a golf ball. A football player of my acquaintance was keeping fit during the summer by playing tennis. He stubbed his toe on one of the wooden markers on the court and broke a bone in his foot, which kept him out of the football game for two seasons. Where can one be free from danger? We believe that people are safer in our plant than they are away from it. The records of the M.B.A. show that more benefits are paid for accidents which occur outside the plant than for ones which occur within the plant. We do not claim that our plant is free from danger, but we believe that by using safety, which we would define as making use of all available safety devices, refusing to take unnecessary chances, keeping one's mind on the job, using good and proper tools, avoiding all practices which are considered unsafe, that our employees can be reasonably sure of returning safe and sound to their families at the end of the day.

* * *

Eight hours sleep will leave you feeling fine for the next day's work. A thirty-second nap on the job may mean thirty days in a hospital bed.

* * *

There are sure to be hazards wherever haphazard methods are used. Effort and thought will remove them.

* * *

The best safety sermon is a good example.

* * *

One moment of carelessness may mean a lifetime of regret.

* * *

The number of accidents at the Fort Wayne Works during the two hot months, July and August, was so large that the prospect of making an outstanding record for this year looks very poor. We must work hard the rest of this year to even equal the 1927 record.

The Meter Division and the Decatur Plant were two major divisions to go the month of August without a lost-time accident.

The standing of the various divisions on August 31st, based on the number of lost-time accidents, is as follows:

| | |
|---|---|
| Decatur | 1 |
| Shipping and Receiving | 1 |
| Expense Department | 3 |
| Tool | 5 |
| Meter | 8 |
| Apparatus | 10 |
| Winter Street | 11 |
| General Service | 12 |
| Transformer | 23 |
| Fractional Horsepower Motor | 31 |

L. C. SWAGER,
*Safety Engineer.*

## Always Be Careful

## Absent Employees

Mary Grout, Transformer Dept., Bldg. 26-2, is now at her home 2929 Weisser Park Ave., recovering from a recent operation.

Ruth Moser, Small Motor Dept., Bldg. 17-4, has been absent from work for the past month on account of sickness. There is hope that she will be able to return.

Paul Smith, Winter Street, is confined to his home in Roanoke because of an injured chest. He has been away from work for some time, and it is hoped he will be back before long.

Rose Mary Schnepp, Meter Dept., Bldg. 19-4, who is recovering from a recent operaton, reports that she is feeling fine and possibly will be able to return soon. She is now at her home at 1119 Sherman St.

Lloyd Neizer, General Service Division, who has been confined for several months to his home at 305 E. Pontiac St., is improving and is planning on returning to work in a short time.

Edgar Langston, Winter Street, has been away from work for some time because of illness. He is now at his home in Arcola, and although he is better is still unable to report for work.

Lillis Benx, Small Motor Dept., Bldg. 4-4, has been away from work for several weeks on account of nervous trouble. She reports that she is feeling better and hopes she may be able to return to work in the near future.

Valeria Moring, Wire and Insulation Dept., Bldg. 7-2, has been away from work for several weeks on account of nervous trouble. She is improving and we all hope that it will not be long before she will be able to return to work.

H. L. Merriman, Punch Press Dept., is now at his home at 1345 Huestis Avenue, recovering from a recent operation. His progress has been quite favorable and it is expected that he will soon return.

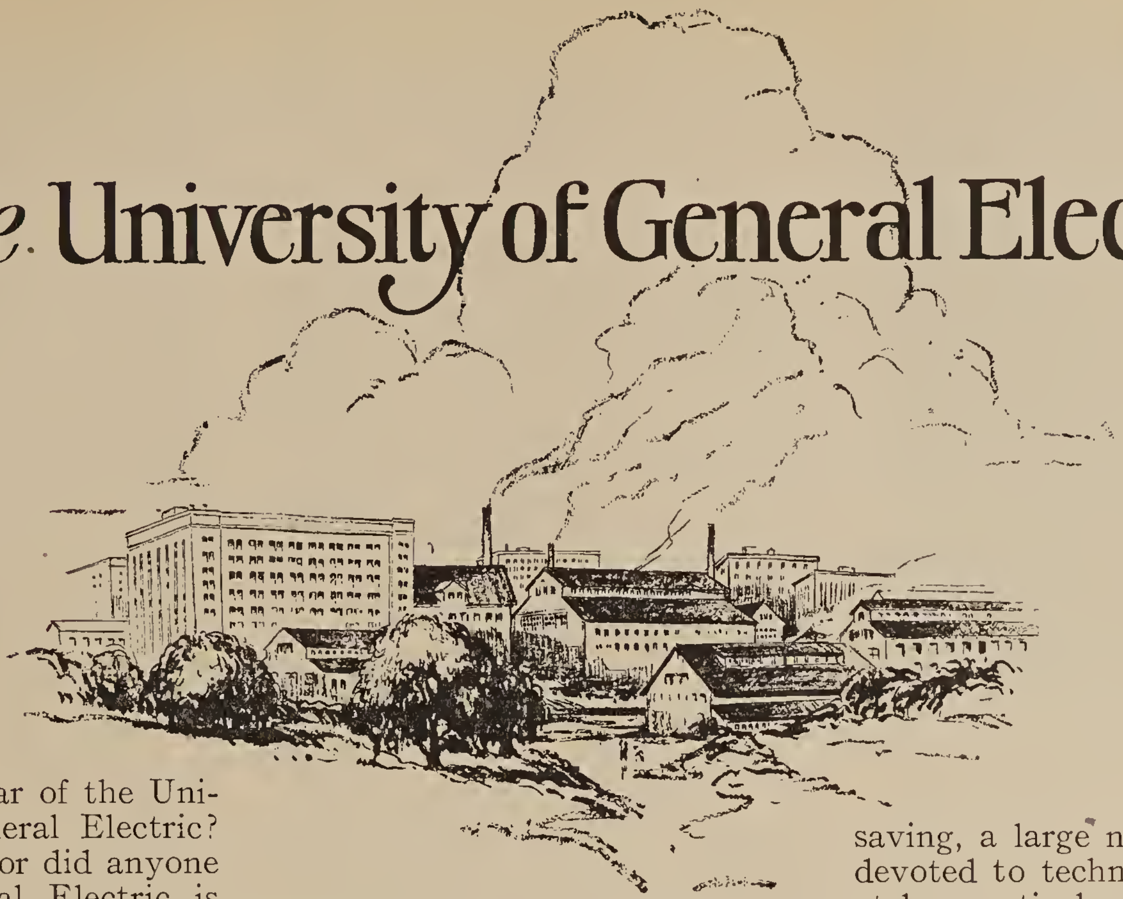
Clyde Lobaugh, Winter Street, is confined to his home at 428 Baker St., following injuries received in an automobile accident.

Rena Reinoehl, Service Bureau, Bldg. 18-2, has been ill at her home at 735 Taylor Street for several weeks. We hope that she will benefit by the rest and soon feel strong enough to resume her duties.

Mrs. Lillie Martz, Small Motor Dept., Bldg. 4-4, is now at her home at 1115 Phillips Street, recovering from a goiter operation. She reports that she is feeling fine and is very anxious to return.

Agnes Grosjean, Meter Dept., Bldg. 19-5, is now at her home 2119 N. Clinton Street recovering from a serious operation. She reports that she is feeling fine but it possibly will be some time before she is able to return.

# The University of General Electric



DID you ever hear of the University of General Electric? No, you didn't. Nor did anyone else, because General Electric is not primarily an educational institution. But there might just as well be a university of that name. For within the Company to which we all belong there are conducted educational activities on a scale which would make many a college look amateurish. The courses of study are not so pretentious, but the enrollment in the various courses conducted under G-E auspices ranks with that of the greatest colleges of the country. More than 8700 students, altogether, are enrolled in the "University of General Electric." Compare this with the 8000 at Harvard, the 5000 at Cornell, the 4400 at Yale! As a matter of fact, General Electric ranks close behind the tenth largest educational institution in the country, and is almost twice as large as the biggest Canadian college. In enrollment it towers above any of the country's largest high schools.

In order to carry on the General Electric educational program, an annual budget of almost half a million dollars a year is required. Nor does this include the expenses of the Charles P. Steinmetz Memorial scholarships, the General Electric educational loan fund, or the Gerard Swope loan fund, this latter having been given by President Swope personally to help those who seek further education.

Just what is the purpose of all these opportunities for education? What concrete result is to be expected from them?

Well, the truth is that the Company is pioneering in this kind of educational work. Other large organizations have educational programs. A large number of manufacturing concerns, for instance, have apprentice systems. But the industrial organization is rare indeed which has gone into the possibilities of education so thoroughly as General Electric has. And the Company has found this educational work well worth while. It is definitely committed to the idea that, if you help an employee to continue his education, he will be a more valuable man both to himself and to the Company.

The range of General Electric courses is very broad. Somewhere in the Company there may be found an opportunity to study almost anything. It has often been said that our Company embraces almost every type of human activity, from the making of excellent pastry (in the Works restaurants) to the making of lovely oil paintings, and from the repairing of delicate watches to the manufacture of the largest steam turbines and electric locomotives. It is the same with the educational program. Such courses as life saving, a large number of courses devoted to technical and immediately practical matters, and even courses in philosophy and kindred subjects, may be taken through the General Electric organization.

The educational activities of the Company are of two main types. First, there are the various courses for which students are especially recruited; second, there are those courses which are open to all employees. During the coming year, it is estimated that approximately 4900 students will be taking courses of the latter kind, and that about 3800 will be taking courses of the former.

### Recruited Courses

The courses for which students are recruited are naturally the most important, since in these the students are preparing themselves for a definite career. Of this type there are, first of all, the apprentice courses. Last year a total of 253 graduated from the apprentice courses conducted at Schenectady, Lynn, Fort Wayne, Pittsfield, Erie, Philadelphia, Bloomfield and Bridgeport Works. In these same Works there were registered, during the past year, approximately 1206 student apprentices who still have a year or more of work ahead of them.

The apprentice courses are not confined to electrical subjects. In the various Works there are courses for toolmakers, draftsmen, moulders, patternmakers, blacksmiths, cabinet makers, and other trades. Upon graduation, each apprentice is given a bonus (in addition to his regular pay while he is taking the course) and a certificate of apprenticeship. These courses are open to those who have completed either the eighth grade or high school, depending upon the subject to be studied. In the past 4 years, more than 769 have graduated from the apprentice courses, a large percentage of whom have chosen to remain with General Electric after their graduation.

A group of courses on which great stress is laid is those which are open to the graduates of technical schools and colleges. These courses give training in all phases of the Company's manufacturing, engineering and commercial work, the test man eventually choosing that which he is best fitted for. Graduates of these various training courses are depended upon to fill a large proportion of the Company's technical jobs. Those who do not stay with the Company after they have "finished test," secure positions with associated companies, public utilities or similar organizations. A business training course is also conducted for college graduates.

There are two courses, in addition to the apprentice courses, which are open to high school students: the business training course and the electrical course for high school graduates. Both are given at the Schenectady Works. The business training course offers work in the general offices, together with evening classes in accounting, finance, and commercial law, and offers graduates opportunities for employment with the Company or subsidiaries along these same lines. The electrical course offers work in laboratory and at testing, together with evening classes. Junior engineering positions are open to graduates of this course.

### Courses Open to All

The courses which are open to all employees offer an extremely wide variety of subjects, and vary greatly with each Works in accordance with the local facilities and the degree of co-operation which exists between municipal or state educational agencies and the Works educational committee.

First, there are the Americanization classes, in which English and Civics (the business of being a good citizen) are taught to foreign-born employees who desire to become citizens. The Company is particularly anxious that all foreign-born employees take these courses when there is an opportunity, in order that they may enjoy all of the advantages of American citizenship.

There are also evening vocational courses, offered in a wide variety of subjects, which are available at Bridgeport, Erie, Fort Wayne, the Lynn Works, Pittsfield and Schenectady. The courses run all the way from machine shop practice, blue print reading, stenography and mathematics, to dressmaking and public speaking. Almost any course of a vocational nature will be given if a sufficient number of employees are interested. A small registration fee is generally charged for each course, and in some cases this is refunded when the work is satisfactorily completed.

In a number of G-E Works, arrangements have been made for extension courses, for which the facilities of local institutions are used. These are offered in conjunction with the local institutions, because the Company makes it a rule never to duplicate courses which are just as easily available somewhere else in the same city. The courses offered as extension courses include languages, mathematics, chemistry, electrical and mechanical engineering, psychology, history and philosophy, so that with their help it is possible for a G-E employee to obtain a liberal general education and to fill in the gaps in his training. It should be made clear, however, that the G-E system of extension courses, or in fact any of the G-E courses, are not the equivalent of formal high school or college training. There is usually an arrangement whereby a low fee is charged at registration, a large percentage of this being refunded if the work is completed satisfactorily.

Last among the courses which are open to all are those in foremen's training. These are held in Bloomfield, Bridgeport, Erie, Fort Wayne, and Pittsfield, and consist of lectures and discussions of shop problems. The aim of these is to acquaint the ambitious shop worker with the problems of foremanship and management, so that he may equip himself for advancement. They are of course essential as stepping stones to future promotion; and the fact that they are open to all indicates that the Company desires at all times to encourage workers to seek positions of more responsibility.

### In Conclusion

This, very briefly, is a description of the educational opportunities which are offered to G-E employees at present. It might be added that the Company's educational committee hopes eventually to broaden the educational program still more. It hopes, for instance, that sometime every young man who enters the Company will be taking a course of some kind or other in addition to his regular work. This, it is felt, would help a great deal in eliminating the danger of future unemployment. For if a young man is able to do work other than that for which he is employed, it is perfectly possible to change to some other kind of employment if the necessity should arise. A start in this kind of educational work has already been made in the machine shop practice courses which are located in a number of the Works. These courses, open to all, teach anyone the operation of a large variety of machines, and thus make the students much more versatile workers.

But even though the educational program has not yet reached its fullest development, there is in the wide range of courses offered opportunity enough to satisfy almost anyone. By means of them, thousands of G-E men and women have succeeded in filling out many gaps in their educations. They are broadening their knowledge and their usefulness. They are preparing themselves, with every course they take, ever more fully for the great game of life.

# Proudest Father and Proudest Son

## *Paul Siple, Son of G-E Man, is Now on His Way to the Antarctic Continent*

Paul Looks Pleased!

THERE'S no doubt about it. Our Company has the proudest father in the United States!

That father is Clyde I. Siple, Bldg. 14, Erie Works, whose son Paul was chosen recently from all the Boy Scouts of the United States to accompany Commander Richard A. Byrd on his antarctic expedition.

Mr. Siple has reason to be proud of his son, whose scouting record has been crowned in so remarkable a way. Over 80 scouts throughout the United States were eligible to compete for the honor and out of this number six were selected to go to New York city for interviews with Commander Byrd and for examinations to determine their fitness for the position of orderly to the explorer. Paul was one of the six to go to New York, and was finally chosen.

When notified of his appointment, Paul was as tickled as any boy could be. His parents, too, in spite of their pain at the prospect of being parted from their son, were happy. They have the greatest confidence in Commander Byrd's ability, and are sure that their boy will be returned to them after the two eventful years which he will spend in the antarctic regions.

And the two years will be packed with adventures! The expedition is one of the most ambitious polar expeditions ever attempted, and any boy might well envy Paul his opportunity. It is not everyone who has an opportunity to go on a trip to the mysterious and forbidding antarctic continent.

Shortly after his notification Paul left for New York, carrying with him the congratulations of the people of Erie and the good wishes of the Erie Boy Scouts. His parents and sister, and a group of scouts, went to New York to bid Paul good-bye before he sailed on August 25th, aboard the *City of New York*, with 31 other members of the expedition.

The *City of New York*, which is a ponderous ice breaker, is now en route for the Panama Canal. After passing through the Canal, it will cross the Pacific to New Zealand, a voyage of 9200 miles. When it arrives there, supplies will be put aboard for the 3600-mile voyage to the antarctic base near the Ross Sea.

Commander Byrd and the remainder of the party sail on October 1st. Three ships, four airplanes, a hundred dogs, and complete equipment will be included in the expedition.

"I'm mighty glad that my boy was picked for this venture," said Paul's father in an interview recently. "I'm proud of him, and I know that he will make me more proud before he gets through. If I didn't think it was the greatest thing in the world for him, I'd never let him go."

Mrs. Siple, in expressing her confidence in her son, said, quite simply: "If God is willing that Paul be selected, I know that He will watch over him and return him to us."

The General Electric organization joins Paul's mother and father in wishing him two years packed with adventure and a safe return.

ON THE DOCK

Paul says farewell just before stepping aboard the *City of New York* for two years in the Antarctic

## Ten Plants Change Position In Safety Contest

THE July report of the interplant safety contest shows a radical change in the positions of all but four of the plants. York still maintains a clear record for the year. West Lynn, Fort Wayne and ALL PLANTS remain in the same places as last month. Pittsfield has displaced Bridgeport at the head of Division 2. It is gratifying to note that six plants have improved their own records during the month.

The plants now stand as follows, an asterisk denoting improvement over the previous month.

Division 1

York
West Lynn
*Baltimore
Fort Wayne
*Philadelphia
Erie
Bloomfield

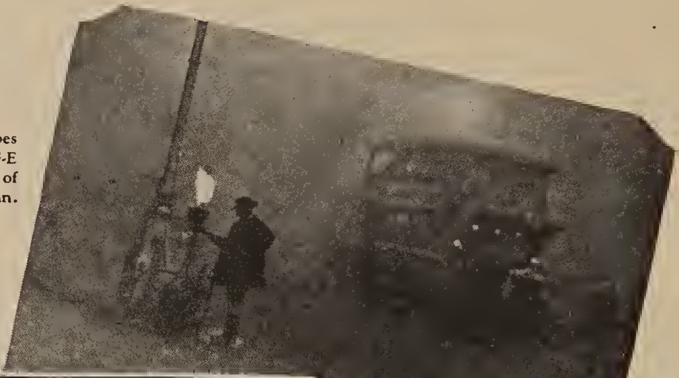
Division 2

*Pittsfield
Bridgeport
ALL PLANTS
*New Kensington
*Oakland
River Works
*Schenectady

# Seeing the Sights with the G-E Camera Man

A group of St. Louis housewives inspect the source of their electric power, a G-E turbine-generator

They play horseshoes by the light of a G-E beacon on the top of Lookout Mt., Tenn.

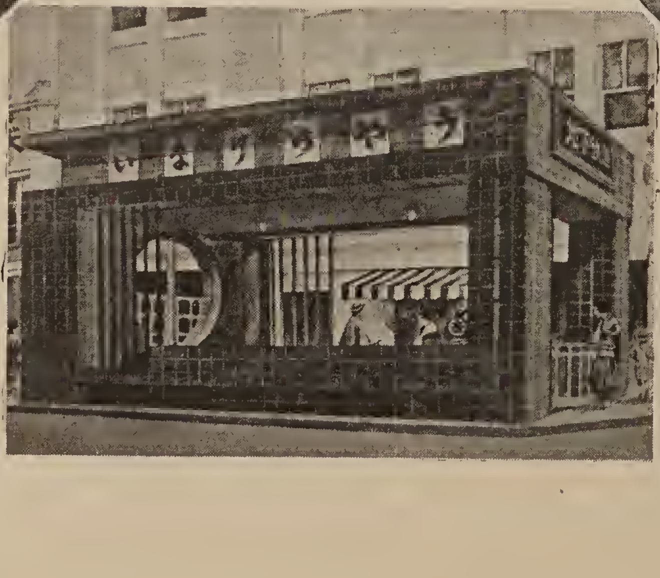


A few G-E street lamps might help dispel this London fog

The new Albany, N. Y., airport as seen from 2000 ft. This model was made by a G-E man

A moonlight view of the G-E equipped U.S.S. *New Mexico*, which won first honors for excellence of performance in 1928

"This is real magic," says Thurston, the magician, inspecting a G-E 50-kw. airport lamp



Entrance to the new subway in Tokyo. This first subway in the Orient is G-E equipped

# Around the World with General Electric

### Summer White House

After President Coolidge comes back from his long day's fishing, he can lay his trout in a G-E refrigerator, and sit down to a meal, confident that the vegetables have been kept fresh and crisp. An all porcelain model has been installed in the pantry of the dining hall of the Cedar Island Lodge, the "Summer White House," where it has "frozen out," so to speak, the old wooden ice box that has long been doing duty there. The installation was arranged through A. S. Dunning, distributor at Duluth.

### Texas

Most of us have been taught that rice comes from China, and few realize that the territory about Houston, Texas, yields about 7,000,000 bushels of rice a year. Rice requires a great deal of water during its growing season—during a season of 105 days, 7 gallons per minute per acre, which is more than can possibly be supplied by the weather. G-E motors in Texas turn many of the pumps that each year flood the 160,000 acres planted with rice, with 61,200,000 gallons per hour. That is during the growing season. During the other 260 days, the motors must remain idle, and under the strain of severe use and alternate idleness, they stand up and efficiently perform their vital but unsung task.

### Colombia

Many do not realize that the South American republic of Colombia has a city, Bogota, which rivals Paris, London, or New York in beauty and interest, and as a cosmopolitan center. In keeping with its reputation, this city is soon to install four G-E illuminated fountains in its magnificent new civic center. These four fountains will be placed one each in four lovely lagoons, and will altogether form a spectacle of awe-inspiring beauty. The entire electrical installation in this civic center will be composed of G-E equipment.

### California

The most prophetic of our forefathers could scarcely have foreseen such rapid development in the perfection and use of airplanes that within a quarter of a century of the first flight, children would be learning to fly. What is probably the first high school aviation course in the country, has been instituted at the Galt Union High School, Galt, California. A complete course in flying and airplane construction is offered. In addition to two planes, the school will have an airport with elaborate lighting equipment. The San Francisco office of the G-E is supplying a revolving beacon, floodlights, obstruction lights and auxiliary equipment.

### Russia

No matter how much some Americans disagree with Russian politics, Russians must have the means of keeping warm. Last spring the G-E shipped sixty 30-hp. motors to be used on coal cutters at the coal mines of Russia. We are now filling a similar order for forty more of these motors. Not only do they use G-E equipment in their mines, but also in generating light and power. We have received a substantial order for cable, insulators and other installation apparatus for a power substation near Leninegrad.

### Utah

The brass knob on the door, the penny which you so recklessly spend, the wire which carries electricity to your home, and thousands of other things in this modern world of ours depend upon the copper mining industry for their existence. The Bingham mining properties of the Utah Copper Company, in an effort to keep up with the demand, will shortly electrify its transportation system. A minimum of 20 electric locomotives, and a maximum of 40, will be used to carry the ore and the refuse to their destinations. The locomotives will all bear the G-E monogram.

### Japan

Some time ago the Tokyo subway, the first subway to be built in the Orient, was described in this magazine. Work is being rapidly pushed on the second link of this great subway system. A number of orders have recently been received for railway motor equipments and control, to be used when this new section is finally completed.

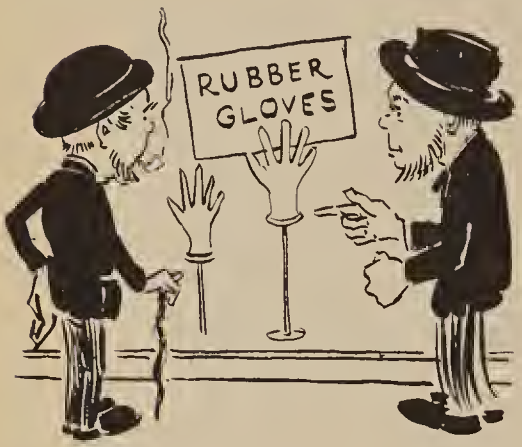
### Virginia

A few months ago there was published in this magazine an article about the *California,* the largest electrically-driven ship ever built. The *California* was put into operation last December on a regular schedule between New York and the Pacific Coast. Now the Panama-Pacific Line, owner of the *California,* plans the construction of a still larger vessel, to be known as the *Virginia.* The *Virginia* will measure 613 feet in length, as compared with 601 feet for the *California.* The new boat will also accommodate 50 more passengers, or a total of 801. All of the electrical propulsion equipment will be, as in the case of the previous ship, of G-E manufacture.

### Mexico

Mexico has a good many silver mines, and recently the largest of these mines, known as the Cia. de Real del Monte y Pachuca, was faced with a problem. A silver mine, as not everyone realizes, uses tons of steel drills in the course of a year, which are constantly wearing out and which have to be sharpened frequently. It was felt that if these drills were heated in an electric furnace before forging and sharpening, a much better and more uniform job might be done. This mine has over 20,000 hp. in G-E motors installed, and it naturally turned to our Mexican office for advice. This resourceful group of G-E men not only gave advice but built an electrical equipment on the spot. The result of the use of this heating equipment is a large monthly saving and a tremendously improved grade of work.

# What We're Thinking About



## Getting Your Hands Wet

TWO Irishmen were passing a drug store, and in the window was a large display of rubber gloves.

"Sure, and this is a wonderful country, Pat. And what might those be for?"

"Don't show your ignorance, Mike. They're so as you can wash your hands without getting them wet."

Another Pat and Mike story. But how many people are there, like Pat, who think they can wash their hands without getting them wet? They want to receive all the benefits and pleasures of life without any of the discomforts or trouble. It is a common human failing. It comes out constantly in our desire to "get something for nothing."

In every large organization there are lots of these people who don't want to get their hands wet. Our own General Electric Company has its share. They are the persons who, when a new foreman is appointed, point envious fingers and sneer "drag," or "pull". It never occurs to them that the other guy may deserve recognition—that he has invested real interest and real initiative in his work.

And people of this type may be found in every-day life. They seek the benefits and pleasures of friendship without in turn trying to be a friend. They find no recreation that satisfies them because they want someone else to do all the dirty work. They hate reading because they don't like to make that much mental effort.

When will mankind learn that for every bit of happiness, every bit of recognition, some kind of effort must be expended? We cannot have a garden without digging the weeds. We cannot have a home without saving up, and denying ourselves, for it. We cannot play the piano without taking lessons. We cannot win promotion and recognition without working for it.

Work, after all, is the most necessary thing in the world. None of us can escape it. And none of us should *want* to escape it, if we would enjoy a really happy life. No, it's not possible to wash one's hands without getting them wet.

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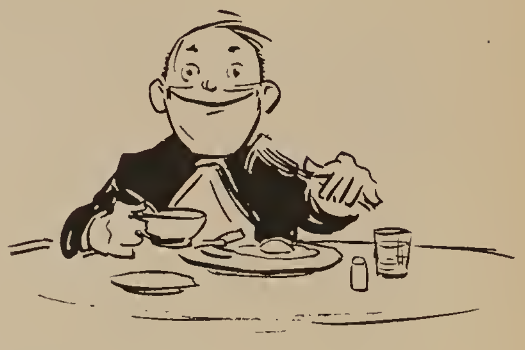
## Start the Day Right

NOW and then you hear some one say, "No. I never eat much breakfast."



But the man who doesn't eat a good breakfast is making a mistake. Breakfast is just as important as the other two meals, because much of our heaviest work is done before noon.

Too often breakfast is merely "sinkers and coffee" inhaled before leaving for work. Some people eat breakfast merely because they don't like to smoke before breakfast. But in the morning the healthy stomach is as empty as it ever will be and is ready to do its part in making the work of the morning easier. Usually, twelve hours elapses between the evening meal and breakfast and it's not a good idea to go very much longer than this.

A breakfast of the right kind gives tone to the body, quickens circulation, steadies the nerves, and keeps one from drawing on the body's reserves. For those who work indoors competent physicians recommend a breakfast consisting of easily digested foods, including fruit, cereals, eggs, bread, toast or rolls. One cup of coffee is not likely to hurt an adult. The outdoor worker whose job is more strenuous can obtain proper nourishment by eating the same foods in larger quantities. Rich and very sweet foods, if used at all, should be left for the noon and evening meals.

It is a common failing with most of us to snatch a few more winks after the alarm clock breaks the bad news, and this leaves little time to eat breakfast. Getting up a few minutes earlier and taking ample time to eat one's breakfast is a good way to start the day right. It gets rid of the grouch so many have in the morning.

### Substitutes for a Vacation

*Go next door or across the street; sit there and wish you were at home. Remarkably like a vacation.*

*Examine ruts in roads near your home through a magnifying glass. Looks exactly like the Grand Canyon.*

*Poke cinders into your eyes and sleep on the pantry shelf. Wonderful substitute for an upper berth.*

*Fill your grips with books or lead, and run for cars every day. Same thing as touring Europe.*

*Fill bath tub with water, put in some broken glass. Ah! Just like the old swimming hole.*

*Open up all screen windows and doors and let in the mosquitoes. Just like camping.*

*—Consolidated News.*

# He Found Pleasure in His Work

WHEN asked in the course of an interview recently what had given him the most pleasure in his long and interesting career, Marsden J. Perry replied simply:

"Work. I have enjoyed it tremendously."

An account of the life of this remarkable man, one of the 21 directors of our Company, bears out the statement. Starting as a penniless orphan lad, and with only the advantages which a kind grandparent could give him, he has toiled steadily throughout his long career, and toiled with such success that he is today, in spite of a grave physical infirmity, a man of wealth and of tremendous influence. Quiet, hard-working, and unassuming, he had from the very beginning of his business career commanded the respect of all with whom he was associated.

He was born in Rehoboth, a small Massachusetts town just across the border from Rhode Island, on November 2, 1850. When he was three years old, his father died and he went to live with his grandmother, a schoolteacher. From her he received his early education and training. In her library he acquired a taste for good reading, a love of Shakespeare and the Classics which remained with him throughout his life. A result of this early training is the collection of Shakespearean books and manuscripts which he made later in his life, universally acknowledged as one of the finest in the world.

With only this early training to help him, young Marsden set out to make a name for himself at the age of fourteen. He went to Boston, where he secured a position as orderly in the State House. Leaving this, he worked for a while in a Boston business house, and at the age of 17 made his way to Providence, R. I., "himself his only friend, his head and hands his only capital." There he has lived ever since.

In Providence he soon became interested in the electric power business, an interest which ultimately resulted in his presidency of the Narragansett Electric Lighting Co. He started his electric business with two 10-light machines, and it was through the purchase of apparatus from Charles A. Coffin, at that time president of the Thomson-Houston Electric Company, and later founder of the General Electric Company, that he made his first connection with the electrical manufacturing business. At that time there were only seven other lighting companies in existence.

Marsden T. Perry

Soon after the formation of the General Electric Company, he was made a director, because of his intense interest and proved ability in the electrical industry.

At the same time, he was active in the affairs of the Union Trust Company in Providence, now one of the largest banks in the state.

Mr. Perry also became interested in the development of the suburban electrical railways of Rhode Island. His work in developing these roads proved so effective that he eventually managed all of the electric railways of the state.

He is also a leading director of the Nicholson File Co., the largest file producing company in the world, having been largely responsible for its success.

Mr. Perry's activities were always many and varied, and he continued very active in business until five years ago, when a serious fall rendered him an invalid. At present he is director of five large corporations besides General Electric, which well illustrates his versatility and the tremendous amount of work which went into his more active life.

Now, unable to follow his work actively, he is nevertheless still available for advice and counsel in matters of importance. In his beautiful Providence home, surrounded by the works of art which he has spent a lifetime in collecting, he now faces his remaining years serenely, knowing as he does that during his active life, he labored long and effectively in the service of humanity and the advancement of civilization.

## Patents Granted to G-E Employees

THE following patents have been granted by the United States Government in the names of General Electric employees:

*Schenectady:* L. T. Robinson and C. A. Sabbah, vapor electric devices; F. B. Vogdes, frequency-responsive instruments; E. F. W. Alexanderson, antennae; E. F. W. Alexanderson, systems of electrical distribution; D. C. Hoffman and H. Bany, Philadelphia, control of electric circuits; H. D. Dunton, electric switches; W. C. Hayman, high-tension underground cables; H. Maxwell, induction motors; H. J. Nolte, electron-discharge devices; O. C. Traver, synchronizing devices; O. C. Traver, relays; G. W. Bower, connectors for strain insulators; D. R. DeTar, control apparatus; A. W. Hull, seals for electric devices; L. F. Kennedy, synchronizing devices; O. C. Traver, synchronizing devices; F. H. Winter, synchronizing devices; E. F. W. Alexanderson, systems of distribution; E. Austin, carrier-current systems; A. C. Connell, control apparatus; H. W. Brown, automatic reclosing circuit-breaker systems; W. L. R. Emmet, ship propulsion systems; A. E. Anderson, automatic switching systems; J. R. Craighead, regulating systems.

*Pittsfield:* R. S. Bennett, a fuse container; V. M. Montsinger, transformers; G. F. Links, electric cut-outs; R. S. Bennett, a fuse container; F. F. Brand, protective apparatus; C. C. Abbott, electric heaters.

*Erie:* W. N. Gittings, automatic switching systems; R. L. Stancliff.

*Lynn:* Elihu Thomson, methods of making insulators; E. Herzog, processes of treating silica articles.

*Fort Wayne:* H. M. Stephenson, sewing-machine-bobbin winders.

# Why Take Out Life Insurance?

SUPPOSE you had several brothers with families of about the same size as yours, and suppose all of you were in about the same financial circumstances. If one brother should die it is probable that you and the remaining brothers would be willing to join in giving the family of your deceased brother any necessary financial assistance. The trouble with such family arrangements is that too often there are not enough surviving brothers to share in the giving of financial assistance, and as a result the demand on each one becomes an unbearable burden. The family plan also is faulty in that the brother who dies escapes responsibility for returning the favor to your family when you die.

Here is where life insurance beats any other plan. First it spreads the burden of the financial assistance over so large a number that each one contributing is able to carry his share. Also, the one whose family is the beneficiary has already paid in as premiums, during his active life, at least a fair amount of the money which his family receives after his death. His family, therefore, is not receiving charity from anyone. The money the deceased has invested in life insurance has been working with the money paid in by countless numbers of others to produce income which makes up the balance between the amount received later in benefits and the premiums paid by those who are insured. On your death there is assurance that your family will receive financial assistance in accordance with the help you have given to the families of others who were associated with you in this co-operative relief plan.

When the question of G-E group life insurance is looked at this way, there seems to be no good reason for failing to sign up as soon as possible. Every G-E employee is eligible after a year of continuous service with the Company.

**Death Claims Paid During July, 1928**

| Years | Date of Death | Employees | Age | Beneficiary | Free Ins. | Add'l Ins. |
|---|---|---|---|---|---|---|
| *Schenectady Works* | | | | | | |
| 9 | June 17 | John T. Lovegrove | 64 | Wife | Yes | Yes |
| 5 | June 21 | George E. Burgess | 28 | Mother | Yes | No |
| 28 | July 2 | Bernard A. Cawley | 67 | Wife | *No | Yes |
| 10 | July 3 | Edgar Barraclough | 43 | Wife | Yes | |
| 11 | July 3 | Noel P. Brate | 27 | Wife | Yes | No |
| 27 | July 11 | John C. Hansen | 63 | Wife | Yes | Yes |
| *River Works* | | | | | | |
| 29 | Apr. 11 | Alexander J. R. Fiego | 73 | Daughter | Yes | No |
| 28 | May 16 | Robert J. Briand | 50 | Wife | Yes | Yes |
| 8 | July 12 | William R. Casey | 40 | Mother | Yes | Yes |
| 3 | July 17 | Hugh L. MacDonald | 48 | Niece | Yes | Yes |
| 16 | July 21 | Thomas J. McNaught | 52 | Mother | Yes | No |
| *West Lynn Works* | | | | | | |
| 22 | June 29 | Knowles B. Crosby | 68 | Wife | Yes | Yes |
| *Pittsfield Works* | | | | | | |
| 5 | June 14 | LeRoy Owens | 25 | Estate | Yes | No |
| 6 | June 27 | Gian Galvagni | 40 | Wife | Yes | Yes |
| 11 | July 9 | Thomas J. Owens | 62 | Wife | Yes | Yes |
| 4 | July 15 | Peter D. Delphy | 49 | Wife | Yes | Yes |
| 11 | July 18 | Fred W. Cole | 53 | Wife | Yes | No |
| 2 | July 24 | Helen W. Ross | 23 | Mother | Yes | Yes |
| *Erie Works* | | | | | | |
| 15 | May 25 | Frank P. Strough | 40 | Children | Yes | Yes |
| 1 | June 17 | Albert W. Byrnes | 22 | Mother | Yes | Yes |
| *Fort Wayne Works* | | | | | | |
| 21 | June 30 | Frank J. Stark | 55 | Wife | Yes | Yes |
| *Baltimore Works* | | | | | | |
| 6 | July 2 | Walter Semonski | 47 | Wife | Yes | Yes |
| *Merchandise Dept.* | | | | | | |
| 13 | July 19 | Frederick J. Baker | 56 | Wife | Yes | Yes |
| *Maqua Company* | | | | | | |
| 1 | June 27 | Mildred A. Doyle | 23 | Mother | **No | Yes |
| *General Office—Philadelphia Office* | | | | | | |
| 16 | June 21 | John Stump, Jr. | 39 | Wife | Yes | Yes |
| Claims paid under Metropolitan Plan | | | 23 | $25,213.17 | 18 | $24,000 |
| *Incandescent Lamp Dept.—Travelers Plan* | | | | | | |
| 10 | July 18 | Clement H. White | 43 | Wife | Yes | Yes |
| 4 | July 19 | Charles H. Wall | 46 | Wife | Yes | Yes |
| Claims paid under Travelers Plan, 1928 | | | 2 | $ 2,750.00 | 2 | $4,000 |

| | Free Insurance No. | Free Insurance Amount | Additional Insurance No. | Additional Insurance Amount |
|---|---|---|---|---|
| Claims paid month of July, 1928 | 25 | 27,963.17 | 20 | $ 28,000 |
| Previously reported, 1928 | 191 | 217,144.23 | 172 | 267,500 |
| Total claims paid 7 months, 1928 | 216 | $245,107.40 | 192 | 295,500 |

Total claims paid since November, 16, 1925........................$2,113,756.09

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*Paid in full as pension or reduced by amount of pension payments.

**Out over one year because of illness.

## In the G-E Review for September

AMONG the articles in the September *General Electric Review* which are of interest to G-E employees are the following:

Carrier-current Control of Street-lighting Circuits, by F. M. Spaugh and H. E. Allen; High-speed Circuit Breakers, with Special Reference to A-c. Type, by J. W. McNairy; Characteristics of Photo-electric Tubes, by Dr. L. R. Koller and H. A. Breeding; Low-voltage A-c. Networks, by D. K. Blake; Industrial Electric Heating, by N. R. Stansel; The Application of Oxygen and Hydrogen to Industrial Operations, by F. P. Wilson, Jr.; A Study of Crystal Structure and Its Applications, by Dr. W. P. Davey; Heaviside's Operational Calculus as Applied to Engineering and Physics, by Dr. E. J. Berg.

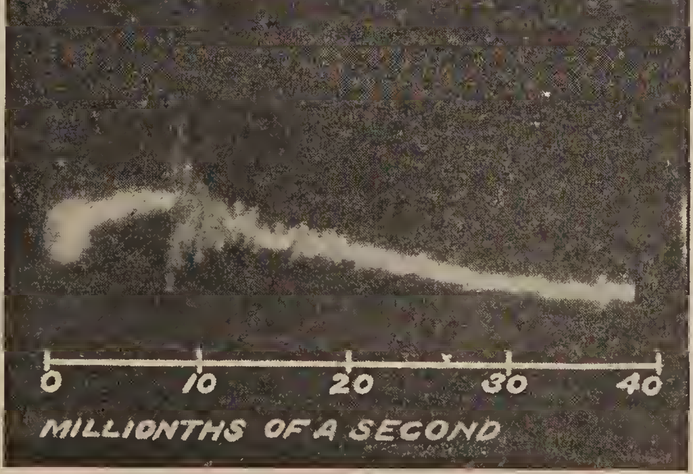
THE STUDIO
This is the "studio" located on a mountain side in the Alleghenies, where a bolt of lightning had its picture taken

# As Quick As Lightning

TWO electrical engineers sit in a tiny building on a mountainside in the Alleghenies—rain beating incessantly on the metal roof and metal sides of their little structure. Outside, a steel tower supports the 220,000-volt transmission lines which connect distant cities and towns with the power generating stations in that section of Pennsylvania. Wires lead from the transmission lines to equipment in the yard of the little building—and from there into the building where connections are made to complicated-looking electrical apparatus.

It is on the afternoon of Friday, July 27th, and the scene is at Wallenpaupack, Pa., the site of one of the hydroelectric stations feeding power into the lines of the Pennsylvania Power and Light system. Two weeks earlier—on Friday, the 13th—there had been installed in the building a marvelous instrument, a portable cathode-ray oscillograph—an automatic camera capable of making a picture in a millionth of a second, and in just that millionth of a second when it is wanted. With it the engineers hoped to get a "moving picture" of lightning in action. The stage had been set properly, and now the engineers had simply to wait.

On the particular afternoon in question it was raining so hard that the engineers could not tell whether or not there was thunder, so loud was the din of the rain on the metal roof. But over in a corner of the tiny room was a wooden frame in which three brass spheres were suspended. At 12:45 o'clock a blue flame leaped between the brass spheres—somewhere along the line a bolt of lightning had caused a sudden and enormous increase in the voltage on the transmission line.

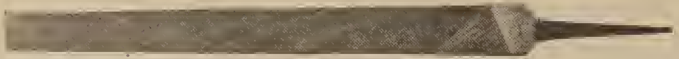


THIS IS THE PHOTOGRAPH
An actual picture of the behavior of lightning during a 40/1,000,000 of a second

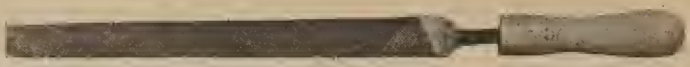
The vacuum chamber of the millionth-of-a-second camera was opened, the photographic film removed and quickly developed. The engineers anxiously held toward the light the small square of celluloid—and it showed that success had been attained! Across the transparent film there was a dark, zig-zagging line. Natural lightning, untamed and destructive electricity that is measured in millions of horsepower and millionths of a second, had been made to write the first record of itself! And it was a record so clearly written that it was possible to determine exactly what this particular stroke had done in the 40-millionths of a second on the transmission lines.

For three years engineers of our Company, in co-operation with the Pennsylvania Power and Light Co., the Philadelphia Electric Co., and the Public Service Co., of New Jersey, have been experimenting on the 65-mile, 220,000-volt transmission lines of the Pennsylvania Power and Light

(*Continued on page 12*)



DANGEROUS
A file like this, with the tine exposed, is a dangerous implement



SAFE
A file like this, with its handle in place, is perfectly safe

# File Logic

By Harry B. Stillman

THERE is probably no less dangerous looking tool than the file. No one, looking at it casually, would suppose for a minute that it had been the cause of intense suffering and in a number of cases, of death.

But those who study accident reports can tell you of many accidents caused indirectly by files—not caused through any fault of the file, but by the way it is used. A file, as everyone knows, is designed with a sharp-pointed tine, which is supposed to fit into a handle. When it is used without the handle grave injuries are liable to result.

A man may be very hurried. He may be in the middle of some delicate job. And he thinks he hasn't time to fit a handle to his file—a job which would require, at most, about two minutes. So, through a mistaken sense of the importance of his work, or more often through sheer laziness, he doesn't bother.

The result is frequently that, while he is filing, the teeth of the file catch on the outward stroke and the tine is plunged into the palm of the hand. This may result in a deep and painful wound, but it is not serious if it is taken care of promptly.

But if it is not taken care of promptly, there may be a less happy result. That disturber of the Safety man's sleep, "infection," may set in; and when a wound becomes infected no one can foretell the results.

The possibility of infection in an injury of this kind isn't so remote as some believe. The file is forged of a metal which rusts easily, and a wound made by rusty metal paves the way for a case of infection, as every schoolboy knows. Then, too, the tine of a file is never very clean, and this is also apt to cause trouble.

Probably some day a file will be invented with a handle forged in place of the tine, but until that time comes it is just as well to reflect upon this file hazard, and to appoint yourself a committee of one to note all files being used without handles and report them to your foreman.

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"Rastus", said the colored parson, "I was sorry to see you sneak up behind Brother Johnson and hit him. Only the devil could have prompted you to do that."

"Well," said Rastus, "De debbil might have prompted me to sneak up on him, but when I hit him, dat was my own idea."

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Ed, after two years of wedded bliss. "My wife believes there are two sides to every question."

Bill Hogan: "So does mine—her's and her mother's."

LEFT OVER FROM A PREVIOUS AGE

A lovely photograph of Henry Ford's mill at Sudbury, Mass., which was taken recently by F. R. Housden, of the Erie Works. It was not so very long ago that primitive water wheels of this kind constituted the only source of power for operating mills and factories. Now, immensely more efficient water wheels, operated in conjunction with giant G-E generators, bring an ever-increasing abundance of electricity to the service of mankind.

# Homely Facts

## *Do You Know What Household Conveniences Americans Prefer? This Article Will Tell You*

By C. M. Ripley

*18,000,000 Homes are wired for Lights*

IN Washington recently, the General Federation of Women's Clubs published a report of a nation-wide survey to find out how much or how little equipment was used to help American women keep house. Some very surprising facts were revealed. They found that more houses have electric lights than have stationary wash basins. About two-thirds of the homes investigated had stationary bathtubs and electric irons as well as gas ranges, but *only half* of the homes had telephones and automobiles.

The survey also revealed that twice as many homes have electric lights as have pianos. There are more phonographs than vacuum cleaners and more homes have radio than have electric washing machines.

All told, the Women's Club survey listed 22 different household conveniences and 11 (or exactly half) of them had to do with keeping clean. So cleaning is the housewife's biggest job. Today, with less muddy streets, and few kerosene lamps to fill and trim, cleaning is easier than it used to be.

Nevertheless, it is still the housewife's hardest problem—dishes and silver, floors and walls, clothes and hangings and the other things connected with bringing up children and "*bringing up father*."

The General Federation of Women's Clubs also made another survey in over 2000 cities, towns and villages in the United States. They found that only 10 per cent of the communities had a library; and would you believe that in over half of these communities there was no garbage or trash collection, either public or private? Eighty-two per cent of the houses had flush toilets, yet only two-thirds of the communities had sewers. However, 37 per cent had gas and 96 per cent were served by electricity.

The most popular ten electrical devices in American homes in the order of the number used are: first, lamps; *then* irons; vacuum cleaners, third; fourth, clothes washers; electric fans, fifth; toasters, sixth; heaters, seventh; and next (this may be a surprise to some of you) radio sets on lighting circuits. And we wind up the list with cookers and refrigerators.

Over 540 million of the ten most popular electrical household devices are now in use. It is a significant fact that the electric refrigerator has already become one of the most popular ten household electrical devices.

But don't draw any false conclusions from the above figures. For only 18 million American homes are wired for electricity, and less than one-third of *them* have electric toasters or fans or clothes washers. Only a quarter of the American homes have stationary laundry tubs. Only two-thirds have a stationary bathtub. So the Federation of Women's Clubs has a great deal of educational work to do.

Now what would you estimate is the average electric bill for operating all these household devices?

No doubt you have heard the statement that anyone who does the work that electricity could do is working for a few cents an hour.

The average nation-wide household bill for electricity last year was $30.90, that is $2.58 a month. This paid for *all* of the electricity used to operate all of the electrical devices, including lamps, connected with the wiring system.

Two dollars and fifty-eight cents is less than the operating cost of a Sunday automobile ride. Yet that pays for all of the electricity needed by the entire average family for 30 days.

On a daily basis, the average household bill for electricity is 8½ cents.

So, some day soon, the majority of the American public will appreciate that anyone who does work electricity could do, is working for a few cents an hour—perhaps a few cents a day.

The most popular single household electrical device is the electric lamp. There are nearly five hundred million of them in the homes of the United States, and as many more in industry and commerce.

In the last eight years the cost of Mazda lamps has been cut approximately 50 per cent. This is due mostly to the wonderful improved methods of making the new standardized line in which 5 lamps of the new type replace 45 old types. If the American public had not accepted this simplification as has been urged for years by the Department of Commerce,

the great price cuts could not have been made.

The new lamps consume less electricity for the same amount of light given; and at the same time the average cost of electricity has been reduced.

It has been carefully calculated that in the last eight years these improvements, and cheaper electricity, together have saved the American public two thousand million dollars in cost of electric light. Eleven per cent of this saving was due to lower price of lamps, 25 per cent was due to lower cost of electricity and 64 per cent was due to higher efficiency of the lamps.

You can, with the help of electricity, make your home more appreciated, more attractive and a little nearer the idea that Edgar Guest had when he wrote:

"It takes a heap o' livin' in a house to
make it home,
A heap o' sun and shadder, and you
sometimes have to roam
Before you really 'ppreciate the things
you've left behind
And hunger fer 'em somehow, with 'em
always on your mind.
It don't make any difference how rich
you get to be
How much your chairs and tables cost—
how great your luxury;
It isn't home though it may be the palace
of a king,
Until somehow your soul is sorta
wrapped 'round everything."

## As Quick As Lightning

(*Continued from page 9*)

system in an endeavor to find out something about lightning, the greatest enemy of high-voltage transmission systems. The electric line with which the experiments were conducted—and the work is still in progress—is the first 220,000-volt line ever built in a lightning-infested territory, and the first in the world outside of California.

The portable and automatic cathode-ray oscillograph with which the picture was made was developed in the general engineering laboratory of our Company. It is a marvelous device. It records the happening of a millionth of a second, or even a fraction of such a brief interval. And it sets itself off in time to be in operation to record the disturbance, as opposed to operating the instrument from time to time during a storm and taking a chance that it will be in operation at just the right time.

The picture obtained by the engineers showed that before five-millionths of a second had passed the voltage wave had climbed to more than 1,500,000 volts. A local disturbance caused a rise to 2,500,000 volts in a fraction of a millionth of a second. This splash or ripple then died down in a millionth of a second, and the wave passed to below dangerous value in about ten millionths of a second and then to zero—all in a total of less than 40 millionths of a second!

The first robin does not mean that spring has definitely arrived—nor does the first oscillogram mean that the problems of lightning protection have been solved. Allegheney thunderstorms are still being watched, more pictures are being obtained, and more definite information about lightning characteristics and the effect of the sudden millions of volts on electrical apparatus is being recorded. And, of course, the work with artificial lightning is being continued. But the day is fast approaching when electrical engineers will be able to state definitely just what lightning is, what it does, and how it does it. And when lightning is *known*, we'll know better how to guard against it.

## $32,329 Paid to Suggestors

A TOTAL of $32,329 was paid on 3186 adopted suggestions which were submitted by G-E men and women during the first half of 1928. This is an increase of $8664 over the amount paid out in suggestion awards during the same period last year, or an increase of 32 per cent.

In addition to the increase in the value of the suggestions adopted, the total number of suggestions submitted, whether adopted or not, increased from 8152 in the first half of 1927 to 9608 in the first half of 1928. This is an increase of 6 per cent, and indicates that an increasing number are looking for that "better way."

The conclusion to be gained from the accompanying table is that the Suggestion System is being given more consideration all the time. More and more are coming to realize that through the System the Company, the suggestor and his fellow workers are all benefited.

But there is yet much to be done. Only 17 per cent of all the employees of the Company are making suggestions now.

| WORKS | NO. SUGGESTIONS RECEIVED | | NO. SUGGESTIONS ADOPTED | | TOTAL AWARDS | | HIGHEST AWARD | |
|---|---|---|---|---|---|---|---|---|
| | 1927 | 1928 | 1927 | 1928 | 1927 | 1928 | 1927 | 1928 |
| Baltimore | 206 | 98 | 72 | 58 | $265 | $406 | $35 | $100 |
| Bloomfield | 186 | 138 | 68 | 63 | 635 | 700 | 45 | 100 |
| Bridgeport | 329 | 417 | 98 | 101 | 735 | 725 | 75 | 50 |
| Erie | 814 | 1003 | 288 | 392 | 1206 | 1946 | 55 | 300 |
| Fort Wayne | 1577 | 1985 | 410 | 506 | 3080 | 4195 | 100 | 250 |
| Oakland | 37 | 6 | 14 | 1 | 42 | 2 | 5 | 2 |
| Pittsfield | 927 | 1197 | 304 | 396 | 2460 | 3710 | 190 | 185 |
| River Works | 619 | 728 | 328 | 304 | 2425 | 2385 | 135 | 140 |
| Schenectady | 1776 | 2274 | 563 | 802 | 9875 | 14380 | 500 | 1200 |
| West Lynn | 370 | 544 | 133 | 199 | 1200 | 1845 | 150 | 100 |
| Philadelphia | 615 | 591 | 152 | 155 | 1092 | 1338 | 125 | 200 |
| Peterborough | 607 | 442 | 163 | 158 | 605 | 560 | 20 | 100 |
| Ward Street | 89 | 39 | 11 | 9 | 45 | 55 | 10 | 25 |
| Davenport | .... | 146 | .... | 42 | ...... | 82 | .... | 10 |
| Total | 8152 | 9608 | 2604 | 3186 | $23665 | $32329 | $500 | $1200 |

# GIRLS' SECTION

## A Real Vacation

By Hilda Hoeltje

IN YELLOWSTONE

*Left to right—Back row:* Dorothy Hormel, Hulda Rodenbeck, Nora Kern; *Front row:* Hildegarde Hormel, Hilda Hoeltje, Frieda Knoche

WE, Hulda Rodenbeck, Bldg. 4-4; Nora Kern, Bldg. 4-1; Frieda Knoche, Bldg. 4-4; Dorothy Hormel, Bldg. 19-2; Hildegarde Hormel, Bldg. 18-4; and Hilda Hoeltje, Bldg. 18-5, feel that our trip to Yellowstone Park was a real vacation. We traveled with the Walther League Yellowstone Tour which left Fort Wayne on August 4th. Enroute to the park stops were made at Kansas City, Denver, Colorado Springs and Salt Lake City.

At Denver we got our first view of the Rockies. Here we boarded a bus and passing through Golden followed the Lariat Trail to the summit of Lookout mountain and made a tour of Denver mountain parks. From Colorado Springs we took that long-looked-for auto ride to the summit of Pike's Peak. It's an 18-mile drive to the summit, and such thrills! Many times we expected to dart right off into a cloud. As we were winding up and up we could feel it getting cooler and cooler. After reaching the summit, altitude 14,109 feet, we had the strange experience of throwing snow-balls on the 7th of August. And such a vast expanse of wonderful scenery! It was a beautiful clear morning and the guide pointed out the Spanish peaks of New Mexico, 165 miles away. It sounds impossible, but out there one can see farther, due to the clear mountain air. We descended by way of the famous Cog road. It's a seven-mile trip down by cog and one goes through the more rugged places. We also visited Cave of the Winds, Garden of the Gods, Williams Canyon, South Cheyenne Canyon and Seven Falls. Our party climbed way to the top of the seventh fall—a height of 300 feet. It is truly a grand display of mighty cliffs and rushing waters.

That night we again boarded the train and on Wednesday traveled through the Royal Gorge of the Arkansas, a most remarkable place, with its walls of red granite sparkling with mica rising high on both sides—they made us feel rather small and insignificant. That evening we ate our dinner "on top of the world," for we were crossing the Great Divide.

At Salt Lake City we heard a beautiful organ concert in the Mormon Tabernacle. We then went to Saltair Beach and enjoyed a swim in the great American Dead Sea where sinking is impossible for it is six times as salty as the ocean.

On Friday morning we arrived at West Yellowstone and boarded the Park busses for Old Faithful Camp where we had our first view of the geysers. This part of the park has been called "the most weird spot in the universe." The geysers and hot pools are the main attraction at Old Faithful Camp. Old Faithful geyser is very beautiful when it shoots its steaming mass of water up approximately every 65 minutes. (It is estimated that at each one of these eruptions a million and a half gallons of water, or 33,225,000 gallons a day are shot into the air. This would supply a city of 300,000.) Among the pools, Morning Glory pool with its beautiful blue shading into a deep violet is one of the most beautiful, while Handerkchief pool proved to be the most interesting. If you drop your handkerchief into the hot water, a suction carries it down, down and out of sight,—you feel it is gone forever, but within a few minutes it again comes into view and up, up until it floats on top of the water again.

We spent the next day at Yellowstone Lake Camp where the lake with snow-capped mountain peaks in the background is in sharp contrast to the steaming, spouting geysers at Old Faithful Camp. That's why Yellowstone Park is such an interesting place—each camp is entirely different from the others.

On the way to Mammoth Camp we saw Mud Volcano, which seems to be a mass of boiling mud, and next to it Dragon's Mouth, a weird hissing cavern. We traveled on by way of Dunraven pass over the shoulder of Mt. Washburn and stopped at beautiful Tower falls, 132 feet high, so named because of the odd spire-like rock formations surrounding it. At Mammoth hot springs the coloring was not as brilliant as we expected, but the terraces were not less beautiful with their delicate greens, yellows, blues, orange and marble white.

From Mammoth we went to Canyon camp. The Grand Canyon of the Yellowstone is the most brilliantly colored spectacle in nature. We hiked down "Uncle Tom's Trail" one morning to the very foot of the Lower or Great Falls, the sun striking the mist which arose from the falls made a beautiful double rainbow. From the foot of the falls we could appreciate its height, 308 feet, as well as the depth of the canyon which is about 1200 feet. The view of the canyon from Artist Point is truly the grandest in the Park. We could see eagles and fish hawks flying below, and away in the distance the Great Falls—pure white, with the jagged walls of the Canyon in every color of the rainbow, with the Yellowstone river as a green winding path below. The sky was a beautiful blue dotted with white, fluffy clouds. No artist could paint a more beautiful picture.

After leaving Canyon Camp we came to the Norris Geyser Basin which consists of scores of small geysers all steaming and spouting —seemingly vieing for attention. The Black Growler was the noisiest and received much attention. The entire basin is covered with vivid hues of orange, yellow, reds and greens. After walking through the Basin we stood for a while on the road to look at it—it was all in an uproar and to our left was a cool green-blue lake bordered with tall, stately pine trees—such a contrast.

The evening programs put on in the camp recreation halls with community singing and short plays by the "savages", who are the college boys and girls working in the park, are very entertaining.

We left the park by way of the famous Cody Road up the Shoshone river canyon passing through the Shoshone national forest and stopping at the Shoshone dam, a most interesting place. The rock formations along the Cody road are very curious. Such odd formations as "Henry Ford driving a Flivver," "Laughing Pig," "Four Men on Toboggan," "Holy City," etc., are all found here worn by the elements into the rock.

We boarded the train at Cody, Wyoming, and hastened homeward through the "Bad Lands" of Montana, grain regions of North Dakota and Minnesota, then along the eastern shore of the Mississippi for 300 miles, then Chicago, then Fort Wayne and *home*.

We feel that we have had the most enjoyable vacation possible in two weeks' time, for in it were combined good times, education, good fellowship, weather that could not have been better and such an abundance of wonderful scenery.

## Elex Club Notes

NOW that the cool September days are here, Elex Club will begin activities again. This club is the girls' club at our General Electric and any girl who is employed here may become a member. The membership fee is one dollar per year. The first meeting will be the annual banquet, which will be held on September 26th. Regular meetings are held each Wednesday evening in Bldg. 16. Supper is served at 5:30 in Bldg. 16-1, followed by a business meeting the first Wednesday in each month, and an interesting program or social hour the second and third Wednesdays in the month. Then classes are held in Bldg. 16-2. The fourth Wednesday the Club meets with Federation at the Y.W.C.A. A social event is held each month. Last year the social committee carried out the following varied program of enjoyable events:

October 19th: Hallowe'en Masquerade Party in Bldg. 16-2.

November 18th: Roller Skating Party at Bell's Skating Rink.

December 14th: Christmas "Kid" Party in Bldg. 16-2.

January 31st: Roller Skating Party at Bell's Skating Rink.

February 15th: Federation Banquet at Y.W.C.A.

April 17th: Bridge and Bunco Party in Bldg. 16-2.

May 3rd and 4th: Minstrel-Vaudeville Show in Bldg. 16-2.

May 10th: Mother-Daughter Dinner for all G-E girls in Bldg. 16-2.

May 22nd: Farewell Party for Irene Whitehead, all G-E girls included.

June 2nd and 3rd: Week-end atCamp Yarnelle, Y.W.C.A. Camp.

July 11th: Picnic at Trier's Park.

August 11th and 12th: Second Week-end at Camp Yarnelle.

September 15th: Saturday afternoon picnic at Zimmerman's Cottage, for all G-E girls.

## Transformer Dept. Girls' Picnic

FIFTEEN automobiles filled with girls from the Transformer Dept. left the Recreation Bldg. on August 23rd, at 5:30 p.m., for Blue lake to enjoy a swimming party and picnic. The men from the department made the picnic possible and complete by furnishing their cars for the occasion.

At the lake a good majority of the girls got into bathing suits and enjoyed a swim, and some engaged in spirited games of water ball. The two brightly colored

ELEX CLUB GIRLS AT CAMP YARNELIE

*Left to right—Standing:* Mae Wolfcale, Jo Magers, Tressie Singrey, Louise Hilger, Martina Locher, Marie Blough; *Sitting:* Bee Suter, Eva Beckman, Hilda Walda, Esther Moll, Irene Fox.

water balls finally eluded the active girls and sailed away across the lake, thus ending the games. Four venturesome girls attempted to reach the balls by wading around the lake. The task, however, was quite laborious as the girls sank to their knees with every step, and soon gave up the quest, and waded out to the nearest dock. Finally a gallant young man rowed two of the girls across the lake to where the balls were gracefully reposing among the water lilies, and Marie Blough climbed out of the boat and heroically rescued them.

After the swimming the picnic supper was served, the food disappearing in a surprisingly short time. Then the whole group went over to the dance hall and the ticklish toes certainly did their stuff. Everyone returned to Fort Wayne with the realization that they had had a very good time.

The committee who arranged the affair was composed of Dorothy Bender, Bessie Chapman, May Fox, Louise Lawson and Agnes Westrick, with Marie Blough as chairman.

## Surprise Shower for Miss Boxell

IN honor of her approaching marriage, the girls of the Pay Roll and Accounting Depts. tendered Leota Boxell, their co-worker, a surprise shower at her home, 2525 Miner Street, on August 3rd. Games of bunco were played, prizes going to Vera Hevel and Helen Litot, who in turn presented them to the honor guest. Also the girls presented Leota a sewing cabinet.

Those present were: Erma Somers, Vera Hevel, Dorothy Bixler, Leone Quinn, Margaret Wehrle, Helen Litot, Naomi Armstrong, Edna Voirol, Louise Borgman, Gertrude Traxler, Ruth Bell, Alma Olson, Edna Sarrazen, Dorothy Osborn, Ann Walburn, Betty Boxell and Mrs. Eva Overly, Mrs. Deloras Orr, Mrs. Ruby Kuhn, Mrs. Mary Calvert, and the bride-elect's mother.

## Weddings

### Cullen-Lett

On August 15th, Richard Cullen, Pay Roll Dept., and Violet Lett were united in marriage. On returning to work the following Monday, Richard found that his fellow employees had decorated his desk. They also presented him an end table and vacuum sweeper.

### Steele-Reichard

Velma B. Reichard, Fractional Hp. Motor Dept. office, Bldg. 3-3, and Arthur D. Steele, were married on August 16th at the parsonage of the English Lutheran Church of the Redeemer. Following the ceremony Mr. and Mrs. Steele left on a wedding trip to Canada and through the east. They are now at home with the bride's parents, Mr. and Mrs. Henry L. Reichard, 1132 Summit Street.

### Cook-Neeb

The marriage of Loretta Neeb, Transformer Production Office, Bldg. 19-2, and Wayne M. Cook, Winter Street Plant, was solemnized on August 18th. The marriage service was read by Rev. E. J. Boerger at the parsonage of St. John's Lutheran Church. Following the ceremony a wedding dinner and reception was held for the immediate members of each family at the home of the bride's parents, Mr. and Mrs. John Neeb, 728 Walnut St. Later in the evening Mr. and Mrs. Cook left on a wedding trip by motor through Michigan.

### McPeak-Boxell

A late summer wedding was solemnized on August 29th, when Leota Boxell, Pay Roll Dept., Bldg. 18-2, became the bride of Denton McPeak. The ceremony was performed by Rev. Garfield Johnson in the First Evangelical Church. Preceding the service a musical program was presented by Louise Borgman, who sang "I Love You Truly," "At Dawning" and "O Promise Me," accompanied by Erma Somers at the organ. Both Miss Borgman and Miss Somers are in the Pay Roll Dept., Bldg. 18-2. Cornelia Boxell, Main Office, Bldg. 18-3, attended her sister as bridesmaid. Following the ceremony a reception was held at the home of the bride's parents, Mr. and Mrs. C. A. Boxell, of 2525 Miner Street. Mr. and Mrs. McPeak will reside in Pontiac, Mich., where Mr. McPeak is associated with the Pontiac Motor Co.

### Fuller-Deetz

Ruth Deetz, Small Motor Dept., Bldg. 4-1, and John Fuller, Jr., punch press operator in Bldg. 4-1, were married on August 18th at the Wayne Street Methodist Church. Rev. Detweiler performed the ceremony. Peggy Schultz, of Kendallville, Indiana, was maid of honor and Willis Deetz, employed in Bldg. 26-4, brother of the bride, served as best man. After the ceremony Mr. and Mrs. Fuller spent a few weeks at Big Long Lake. They are now at home to their friends at 920 W. Washington St.

### Klingenberger-Kayser

Luella Kayser, having a service record of eleven years, left her job in the Small Motor Dept., Bldg. 4-4, on August 3rd, and on August 22nd was married to Harry A. Klingenberger. The services took place at 7 o'clock a.m. in St. Patrick's Catholic Church. Before she left her co-workers presented her a handsome Madeira luncheon set.

### Caulkins-Hambrock

The marriage of Luella Hambrock, Service Bureau, Bldg. 18-2, and Frank Caulkins, Tool Dept., Bldg. 17-4, took place September 3rd. The ceremony was performed at 9 o'clock at St. Peter's Catholic Church with Rev. Herman J. Miller officiating. Frances Kraus, a cousin of the bride, was bridesmaid, Beatrice Grothouse, maid of honor, and Elmer Hambrock, a brother of the bride, attended as best man.

A reception at the home of the bride's parents, Mr. and Mrs. Henry Hambrock, of 606 East Suttenfield Street, followed the services. Later, the young couple left on a honeymoon trip, keeping their destination a secret. Upon their return they will reside at 2215 South Harrison St.

### Papenbrock-Weber

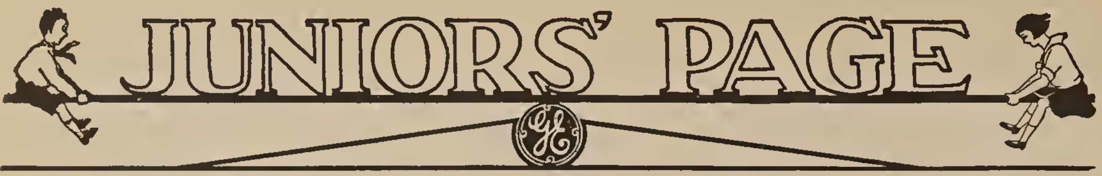
Marriage services were conducted for Helen Weber, Small Motor Dept. Office, Bldg. 4-5, and Henry Papenbrock, on September 4th. Rev. George Hasser officiated at the double ring ceremony which was performed at St. Mary's Catholic Church. Theresa Rossumand attended the bride, Raymond Papenbrock attended his brother, the groom, as best man, and Sebastian Miller and Albert Papenbrock acted as ushers.

Following the ceremony a wedding breakfast was served to the bridal party and members of the immediate families at the Catholic community center. A reception was held at the home of the bride's parents, Mr. and Mrs. Ferdinand P. Weber, of 1317 East Lewis St., from 2 to 4 o'clock in the afternoon. Later, Mr. and Mrs. Papenbrock left on a wedding trip through the east. After October 1st they will be at home at 1116 Francis St.

### Krull-Townsend

On August 28th, Rosamond Townsend, Transformer Drafting Office, Bldg. 19-2, and Edmund Krull, were united in marriage by Rev. V. Krull, of Ottawa, Ohio, who is a brother of the groom. The ceremony was solemnized at the Precious Blood Catholic church. Rev. George White played the processional march and during the mass Herbert Krull, a brother of the groom, sang Ava Maria. Zoa Dodane, Transformer Cost office, Bldg. 19-2, was bridesmaid, and Walter Krull, another brother of the groom, attended as best man. After the ceremony a reception was held at the home of the bride's parents, Mr. and Mrs. Horace Townsend, of 506 Huffman St. Late in the evening the young couple left on a motor trip through southern Ohio. Mr. and Mrs. Krull are now at home in their new residence at 4717 Indiana Ave.

# JUNIORS' PAGE



Dear G-E Juniors:

I think everyone of you must have liked the puzzle in the August G-E News for every answer I received was correct. Now isn't that fine? I think it is. Betty Platt, Dorothy Gephart, Gladys McSorley, Bonnie McSorley, Clara Eleanor Houck, Mary Evelyn Archer and Elizabeth Fuhrman all received prizes.

Last month I told you that I would publish the names and address of the G-E Juniors who have written to me since last June. Here is the list: Dorothy M. Aldridge, 823 W. DeWald St.; Don Black, 4112 Arlington Ave.; Virginia Blackburn, 422 Elmer Ave.; Ralph Owen Crall, R. R. 8; Albert Devaux, R. R. 9; Elmer Devaux, R. R. 9; Dorothy Eylenberg, 229 Center St.; Ruth Eylenberg, 3610 S. Lafayette St.; Dorothy Gephart; Reginald Gerig, 4118 Arlington Ave.; Helen Hickman, 1225 Home Ave.; Clara Eleanor Houck, 1510 Tilden Ave.; Ruth Kimmell, 726 Jefferson St.; Dorothy Lebrecht, 4030 S. Calhoun St.; Gerhardt Lebrecht, 4030 S. Calhoun St.; Dale Masel, 4014 Arlington Ave.; Bonnie McSorley, 1602 N. Harrison St.; Gladys McSorley, 1405 N. Harrison St.; Berniece Moore, 3115 S. Webster St.; Gladys Mosshammer, 1130 St. Mary's Ave.; Evelyn Mueller, 1408 Clara Ave.; Helen Mundt, 1006 Huffman St.; Catherine Offner, 1801 Tecumseh Ave.; Betty Platt, 2715 Thompson Ave.; Gene Platt, 2715 Thompson Ave.; Dorothea Prange, 1054 Swinney Ave.; Ruth Rose, 4422 Marquette Ave.; Celeste Schwartz, 1831 Alabama Ave.; Louise Schwartz, 1831 Alabama Ave.; Marie Schwartz, 1831 Alabama Ave.; Alice Mae Seibold, 1235 Huestis Ave.; Ruth Swank, R. R. 7; all from Fort Wayne, Indiana. Then I heard from the following whose homes are not in Fort Wayne: Wanda Chupp, R. R. 4; Box 122, Ossian, Ind.; Harry McClure, Roanoke, Indiana; Alta May Ruhl, Ossian, Indiana; Pansy Plant, Pierceton, Indiana; Mildred Shores, Ossian, Indiana; Gilbert Egley, 115 Scheiman St., Decatur, Indiana; Elizabeth Fuhrman, Preble, Indiana; Lawrence Hilton, Decatur, Indiana; Catherine Jackson, 609 Short St., Decatur, Indiana; Dorothy Miller, 226 N. 7th St., Decatur, Indiana; and Kenneth Nyffeler, R. R. 9, Decatur, Indiana.

During the summer months I have enjoyed hearing all about what you were doing on your vacations, and now that you are going to school. I will be just as anxious to hear all about your school. Of course I know you will be busy studying, reading, and helping your mothers besides playing, but I hope you will all find time each month to write me and send in your solutions to the puzzles on the Junior's Page.

Sincerely yours,

Jill

## A True Story About Bears

FROM the letters you boys and girls write to Jill I know that you have had many good times and all kinds of strange experiences during your school vacations this summer. We had some strange experiences too, in Yellowstone Park where we spent our vacation. There they have what they call "hold-up" bears, because when these bears hear automobiles and busses coming they walk onto the road and block the way until they are given some sweets.

One day as we were riding along enjoying the scenery, the driver had to stop the bus for an unusually big black bear who had walked onto the road and just stood there holding us up. Some of the people were afraid but the driver said, "He won't hurt us—just throw him some candy." When Mrs. Black Bear, who was hiding back in the bushes, saw that Mr. Black Bear was getting candy, she also sauntered out of the woods. Then as the two bears were eating and the people with cameras were busy taking their pictures we again heard a rustling in the leaves, and what do you think? Along came two of the cutest little black cubs that I ever saw. The little candy that was left was given to them when they posed so nicely with their parents for the picture that you see.

There are many other animals to be found in the park. You will find the names of some of them jumbled in our puzzle for this month. The first one, of course, is "bear." What do you think the others are?

1. reab
2. uaolffb
3. ntlpaeoe
4. mntnouai phsee
5. reed
6. kle
7. smooe
8. vrbeea
9. wdchckoou
10. munkpchi

Mr. and Mrs. Black Bear and Family in Yellowstone Park

# Local Employee Secures G-E Educational Loan

Mark Tam

ONE of the 13 young men who recently were awarded loans under the G-E Educational Loan Fund is Mark Tam, Electrical Maintenance Dept., Bldg. 20. Ever since his graduation in June, 1925, from the Warren public high school, Mr. Tam has been hoping that sometime he might have the money to take a course at a University. In July, 1925, he came to Fort Wayne and secured employment here in the department under foreman N. G. Prince. For several months he was employed as a machine operator and then for a month or two was attendant in the stock room that served the Winding Dept. As Mr. Tam's ambition was to take an engineering course he asked for a transfer to the Electrical Maintenance Dept. that he might get some practical experience in the installation and operation of electrical machines. In April, 1926, Mr. Tam secured a transfer and he continued in the Electrical Maintenance Dept. until September 1st when he left to enroll as a freshman in electrical engineering at Purdue.

A number of other local employees are leaving this fall to enter or continue their work in college. Paul Cupp, Transformer Dept., Bldg. 26-2, left us on September 1st, to enter Indiana University. Virgil Horn, Transformer Dept., Bldg. 26, left August 31st, to continue his work at Purdue University. His brother Winfred, who works on the night force in the same department, will leave later this month to begin his studies at Yale University, where he holds the Jack Merillat Griffin Scholarship. Clarence Wisner, the well-known member of last year's G-E Club basketball team, who worked during the past year in the Transformer Test left recently to continue his studies at DePauw. Ralph Welch, who has been working in the Fractional Hp. Motor Experimental and the Engineering Dept., left August 31st, in order to continue his course in electrical engineering at Purdue. Howard Bower, Apparatus Production, left September 8th, to continue his studies at Purdue and Fred Gossett who on May 11th completed Machinist and Toolmaker's course in our Apprentice school left September 1st to enter Purdue. The only woman employee that we know of who is leaving to attend college this fall is Margaret Bradtmiller, a typist in the Material List Dept. She will enter Denison University at Granville, Ohio.

SHE LOOKS PLEASED

Little Gladys McSorley, Fort Wayne Junior, looks pleased about something. What do you suppose it is?

## Suggestion Awards

*(Continued from page IV)*

Mary Linder, Bldg. 19-5, supplying hooks for holding screw driver cables at benches in Bldg. 19-5.

Evelyne Young, Bldg. 26-2, supplying a scoop for handling wedges and other small parts in Bldg. 26-2 stock room.

Grover Swank, Bldg. 4-4, using pins under clamping device for clamping certain castings in Bldg. 4-4.

Albert E. Miller, Bldg. 26-2, supplying equipment for placing washers in Transformer Assembly in Bldg. 26-2.

Christine Lare, Bldg. 4-1, supplying handles for tools used in inserting wire in Bldg. 4-1.

John M. Donahue, Bldg. 26-4, supplying guards at tape printers in Bldg. 26-4.

Eleanor Paitz, Bldg. 17-2, supplying a higher quality pounding fiber for use in Bldg. 17-2.

Louis D. Hopper, Bldg. 20-1, change to fire protection apparatus at excelsior bin in Bldg. 26-2.

Louis D. Hopper, Bldg. 20-1, supplying a guard at 2300-volt fuses in Bldg. 18-B.

Leamon Huffman, Bldg. 19-4, change in ventilating pipe from annealing oven in Bldg. 19-B.

A. N. Hilton, Decatur, using colored tags on motors built at Decatur.

Daisy Pearson, Decatur, fastening down solder pots at Decatur.

Lindsay E. Eastes, Bldg. 4-5, knurling certain Frac. Hp. Motor brush-holder tubes.

Irvin Junk, Bldg. 12-1, supplying lights on presses in Bldg. 21-1.

Isabell R. Hausbach, Bldg. 18-2, marking names on correspondence for mailing with red pencil.

David Gehring, Bldg. 17-3, supplying handles on screw knobs of multiple spindle drill presses in Bldg. 17-3.

Louis D. Hopper, Bldg. 20-1, supplying shield at lavatory door in Bldg. 12-3.

Carl Kaufman, Bldg. 4-4, using larger washer on relay frame assembled in Bldg. 4-4.

Cora B. Graham, Bldg. 19-4, moving test keys at I-16 magnet test in Bldg. 19-4.

Brice Hamilton, Bldg. 4-5, supplying a bar across frame below drum of floor crane in Bldg. 4-5.

E. J. Stroud, Bldg. 18-2, supplying warning bells in offices in Bldg. 19.

Clarence Allen, Bldg. 10-1, supplying metal strips at rail crossing near scrap shed.

The town belle: "Oh, aren't these stockings lovely. I want a pair of them to wear to the ball tonight."

Clerk (absent-mindedly): "Will that be all?"

Old Colored Mammy: "Ah, wanna a ticket fo' Florence."

Ticket Agent (after ten minutes of weary thumbing over railroad guides): "Where is Florence, Madam?"

Old Colored Mammy: "Settin' ovah dar on de bench, suh."

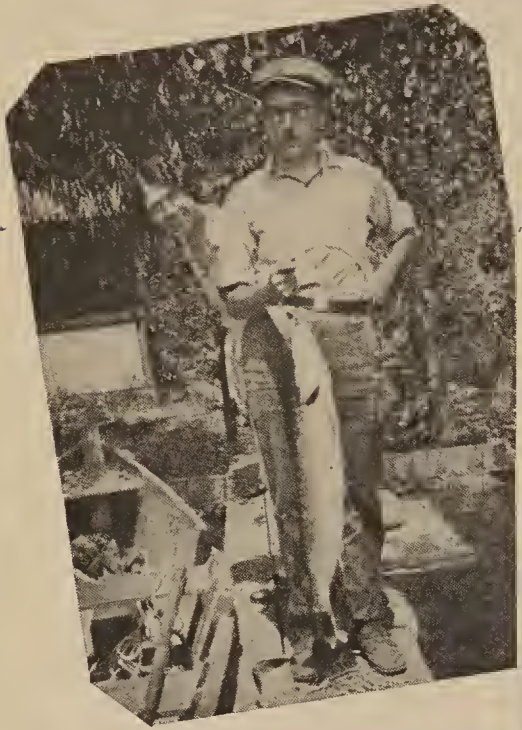
John: "Why all the hurry, Jim?"

Jim: "Oh, I bought a new hat for my wife and if I delay it may be out of fashion."

DECATUR JUNIORS

Mary Hilton and Lois Sovine, snapped at Lake Pleasant. They are Decatur Juniors

# Did *You* Have Any Such Luck?



George Strouder with the 9½-lb. Pike He Caught at Crooked Lake, Angola

A 16-lb. Pike Caught in Adams Lake by Gerhardt Schinnerer

George Waldschmidt and a String of Brook Trout

James Shirey and a Nice Catch of Pike from Lake James

Kenneth Small and George Thomas with a Nice Mess They Caught in Mitchell Lake

Kieth Wolfe and a String of Bass Caught in the St. Joe River

# Three Apprentices Graduate

THREE Apprentice school students graduated during the past month, two from the electrical tester course and the other from the draftsman course.

**Armin Mittermaier**

Armin Mittermaier

Armin Mittermaier finished his course in electrical testing on August 11th. He had come to our Apprentice school following his graduation from Upper Sandusky high school in 1925. While here he took an active part in apprentice activities and made good grades in both class room and shop work. With his diploma he was awarded the $75 bonus paid to the three-year apprentice graduates who do satisfactory work throughout their course. He is now working in the Testing Laboratory, Bldg. 28.

**John C. Schoch**

John Schoch

John C. Schoch completed his period of training in electrical testing on August 18th, and he too received the customary $75 bonus as a reward for doing good work in all branches of his training. Schoch was a graduate of Huntington high school, class of 1924, but did not take up his apprentice training until the summer of 1925. He was interested in many apprentice activities during his course and was an all-round good student. He is now working for the Meter Engineering Dept., Bldg. 19-5.

**Arthur Anderson**

Arthur Anderson

Arthur Anderson, a graduate of Columbia City high school, is the recent graduate from our draftsman course. He received his apprentice diploma on August 25th, and with it the $50 bonus established for those who do good work during their two years of draftsmen training. While taking his apprentice course he won berths on apprentice baseball and basketball teams. He has been assigned to regular work in the d-c. motor drafting section, Bldg. 19-3.

During the past month 13 students have been enrolled for our apprentice courses here at Fort Wayne Works. They are divided as follows: One taking the machinist and toolmaker course, nine the draftsman course and three the electrical tester course.

True Sheets, graduate of Decatur high school, is the one who selected the machinist and toolmaker course. Albert Taggart, graduate of Arsenal Technical high school of Indianapolis, Glenn Carroll, graduate of Lagro high school, and William Driskell, a graduate of Beckville, Texas, high school, are the new students in electrical testing. Walter Hahn, a graduate of Richfield township high school, Henry County; Wade Tyler, a graduate of Fort Wayne South Side high school; Roland Walter, a graduate of the Poseyville high school; Lawrence Painter, a graduate of Jackson Center, Ohio, high school; George Reuter, and George Ownes, graduates of Pomeroy, Ohio, high school; Charles Wilt, graduate of Greensburg, Pa., high school and Charles Sprague and Donald Hyde, graduates of the Marietta, Ohio, high school, are the new draftsmen apprentices.

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# Quarter-Century Club Holds Outing

AT the Quarter-Century Club's annual outing, held at Lake Webster, on September 8th, there was the largest group ever in attendance at one of these events. Nearly 100 of the 144 local members of the club had previously announced their intention of attending.

A new feature of the arrangements this year was the chartering of buses to carry the crowd to the lake. The start was made from in front of the Broadway Plant at about 8:30 a.m. After arrival at the lake everyone was invited for a ride on the lake's stern wheel steamer *The Dixie*. Some, however, who were ardent fishermen pushed off in row boats for a couple of hours at their favorite sport. A steamboat ride without music would leave something to be desired so George and Eddie Eylenberg and William Lageman provided for this detail with guitar, mouth harp, mandolin and ocarina.

The noon hour found everyone gathered at the hotel for the special chicken dinner which had been arranged. Following the dinner, an impromptu public initiation of new members was the feature in the line of pure entertainment. Short informal talks by Company officials and others rounded out a very enjoyable dinner meeting.

The new members, those elected since the 1927 outing of the club are Robert C. Anderson, F. J. Crighton, Frank C. Gaffney, George V. Meyers, Harry Mills, James Quinn, Charles E. Richards, Herman Schmeling, Ray Renfrew, Edward Holmes, L. P. Wright, William Rempis, Elgie Nichelson, J. H. Lamboley, Henry Pageler, Louis Palmer, A. F. Welch, T. T. King, R. O. Orff, F. B. Owen, William Rayhouser, Anthony Stark, Anthony Rose, Carl Borchert, and Edward Braun.

The club members who have died during the past year are: John Kress, Samuel Elliot and Samuel Richards.

The outing this year was arranged by the following committee: F. G. Duryee, chairman; J. E. Jall, George Harkenrider, William Lageman and R. O. Orff.

Play Safe!

## Are You Coming?

*Betty:* You are coming to the girls' gym classes on Monday and Thursdays, aren't you, Mary? We always have the most fun!

*Mary:* I went once last year and got stiff, so I didn't go any more because I don't want to feel like an invalid for the rest of the week, and then go to another class and get stiff all over again.

*Betty:* If your muscles get that sore from exercise, it shows how badly you need it. Your muscles are flabby. Say, do you know that the best cure for muscle soreness is more exercise? You know, Mary, how tired you feel sometimes when you get through work, but do you know that usually even if you are tired when gym class begins, that you are less tired when you get through because you exercise different sets of muscles?

*Mary:* I guess you are right. I wish that I had as much pep as you have. Often I have good intentions of taking exercises when I get up in the morning, but I just don't carry out my intentions.

*Betty:* It's a lot more fun to do it with a bunch than to do it by yourself. When I first started going to that gym class, I just couldn't do a single stunt, and now I am getting so that I can do them pretty well. There were lots of girls just like me who hadn't had any more gym work than I had had. You ought to see them perform now. You know, these gym classes are for all the girls in the Plant—beginners as well as girls with experience in gym work. We are having classes twice a week this year. If all the girls want to come twice a week, we will meet together, but if the beginners and experienced girls would rather have one class a week for each group, we will divide up in that way. So come out, Mary, and help decide how you want the gym classes conducted. We start at 5:30.

# Athletics

## Dudlo Team Industrial Champions

THE G-E team, winner of Division B, was forced to take the count in a spirited battle with the Pennsylvania nine, winners of Division A, for the honors in the second round of the City industrial baseball league. Noel, now pitching for the Fort Wayne central league team, was in the box for the railroad men and held the G-E team pretty well in check. Had the G-E team received any of the breaks of the game they might have finished on the long side of the score.

The Dudlo team, winners of the first half, then proceeded to trim the Pennsylvania nine for the league honors. Noel was injured in the G-E game, and was unable to do mound duty against the wire makers, who finished on the long end of a 4 to 3 count. The Dudlo nine will meet the city light team, winners of the commercial league, who recently put the First M. E. winners of the Sunday school league out of the running for the championship of the Y.M.C.A. league.

## Second Half Inter-Department Baseball League Ends in Tie

At the end of the second half, the Winter Street and Meter Dept. teams had each won six games and lost one to finish in a tie for first place. The first half also ended in a tie, the Winter Street nine defeating the Apparatus team in the play-off. The second half honors has been delayed somewhat in settlement due to vacations, rain, etc., but the game should be played in the near future. The standing of the league at the end of the second half follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Winter Street | 6 | 1 | .860 |
| Meter | 6 | 1 | .860 |
| General Service | 5 | 2 | .715 |
| Apprentice | 5 | 2 | .715 |
| Small Motor | 3 | 4 | .428 |
| G-E Squares | 2 | 2 | .286 |
| Apparatus | 1 | 6 | .142 |
| Transformer | 0 | 7 | .000 |

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## Championship Matches Played in Indoor Baseball (Played Outdoors)

The Main Office team, doped to win the championship of the first half of the indoor baseball league, played outdoors, ran true to form and disposed of their nearest rivals, the Apprentice team, and won their way to the league championship finals.

The Apparatus team had things pretty much their own way during the second half, winning all of their games and earning their right to battle the Main Office team for the championship of the league. The Main Office team, winners of the first half, were not so hot during the second round, allowing the Tool Design to sneak away with a victory. The standing of the teams at the end of the second half follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Apparatus | 5 | 0 | 1.000 |
| Main Office | 3 | 2 | .600 |
| Apprentice | 3 | 2 | .600 |
| G-E Squares | 2 | 3 | .400 |
| Tool Design | 1 | 3 | .200 |

After the first two championship games were played there was still a deadlock for the league honors. Apparatus won the first contest from the Main Office nine by the score of 4 to 3.

In the second championship battle the Main Office squad turned the tables on the Apparatus nine. The first half champs took the motor builders into camp by the score of 4 to 0.

BASEBALL CHAMPIONS — 1925, 1926, 1927, 1928

*Standing:* Esther Moll, Mary Armstrong, Helen Wilson, Mercedes Grimm, Helen Oser, Rachel Goings, Eddie Kammeyer, coach; *Sitting:* Flora Roller, Ruth Holle, Una Scott, Alma Enderle; *Reclining:* Hilda Walda, Leola Foster.

The Main Office team lines up as follows: Gotch, c., Roeger, p., Steele, 1b., Berghorn, 2b., Whonsettler, ss., Sherbondy, 3b., Fisher, r.f., Hendricks, c.f., Kern, l.f. The Apparatus team has the following line-up; Doenges, c., Phipps, p., Weidemeyer and Johnson, 1b., Harsch and Wellman, 2b., Bowers, ss, Meyers and Bitzburger, 3b., Goings, r.f., Rogers, c.f., and Delagrange, l.f.

### G-E Club Bowling Alleys Ready for This Season

The twelve bowling alleys at the G-E Club have been reconditioned by an expert and are in the very best of condition. Freddie Zurcher had the honor of initiating the alleys this season and performed in brilliant style, turning in a 236 for the first game and followed this with a 268 on the day following. Ted Schlup, star bowler of the G-E Club five, had the honor of being first to test out the ability of the gutter. Ted's first five balls found their way to the pit by the gutter route.

From all indications the alleys will be available to bowlers outside of the regular league teams this season oftener than last season, as several of the leagues did not organize this year. The schedule for this season follows:

Monday, 6:30 to 8:30 p.m., Foremen's League, 12 teams; 9:00 to 11:00 p.m., Inter-department League, 6 teams.

Tuesday, 5:30 to 7:30 p.m., Main Office League, 12 teams; 7:30 to 9:30 p.m., Tool Dept. League, 8 teams.

Wednesday, 7:00 to 9:00 p.m., Transformer League, 12 teams.

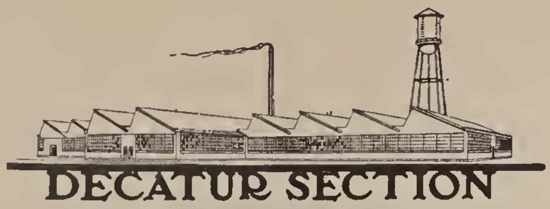
Thursday, 5:30 to 7:30 p.m., Girls' League, 8 teams; 7:30 to 9:30 p.m., Small Motor League, 8 teams.

Friday, 7:00 to 9:00 p.m.—Meter League, 12 teams.

### Blakely-Schelper Team Wins Horseshoe Championship

The team composed of Blakely and Schelper won the honors this year in the horseshoe league, losing but one game out of fifteen. C. Foulks and Kloepper had the honor of defeating the champs. This is the sixth consecutive year that John Blakely has been a member of the team winning the championship. With the best courts in the state to play on, the league this year enjoyed the most successful season in its history. Mr. Blakely, director of the league and an ardent follower of the game, wishes to express his appreciation of the interest the players have taken this year. The final standing of the league follows:

| | Won | Lost | P.C. |
|---|---|---|---|
| Blakely-Schelper | 14 | 1 | .933 |
| Houser-Wirick | 12 | 4 | .750 |
| Pace-Turner | 11 | 5 | .688 |
| C. Foulks-Kloepper | 10 | 5 | .625 |
| G. Waldschmidt-Weidermeyer | 9 | 6 | .600 |
| N. Foulks-Stone | 8 | 7 | .533 |
| Bridges-Allen | 8 | 7 | .533 |
| Wedler-Billman | 7 | 8 | .466 |
| Hibler-Curly | 7 | 8 | .466 |
| Walker-Doll | 7 | 8 | .466 |
| Groves-Stoppenkagen | 7 | 8 | .466 |
| Heinley-Eastes | 6 | 9 | .400 |
| Joseph-Voirol | 5 | 10 | .333 |
| Stute-Anderson | 5 | 10 | .333 |
| Lee-Brown | 2 | 13 | .133 |
| Schlund-Hockett | 1 | 14 | .067 |



## Assembly Dept. Picnic

FROM all indications, and especially from the odor of liniment about the shop on the day following the Inspection Dept. picnic, the picnic must have been a complete success. The committee in charge of the field events kept things moving and there was plenty of excitement for an evening after work.

A picnic supper was served immediately after arrival at the picnic grounds, and as soon as the supper was out of the way the athletic carnival started. To tell the story of the whole evening's program of events would require too much space, but the excellent showing of Charles Langston, of the Inspection Dept., in the 100-yard dash and his losing the race at the last second on stopping to recover a shoe is something to be remembered and deserves mention. The climax of the evening were the feats of Oscar Teeple and Frank Braun in their act "Cowboys of the Western Plains." Braun's flying mount will long be remembered by the crowd for the unexpected turning of the saddle changed the act into a beautiful swan dive to earth.

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### Girls' Tennis Tournament in Third Round

The G-E Girls, tennis tournament has progressed to the third round and nine girls remain in the running for championship honors. Laura Redding, Ruth Hoelle, Hilda Walda, Mildred Fricke, Mildred Archbold, Esther Moll and Mildred Koester. The winner of the Dorothy Hormel-Louise Hilger match, which has been delayed due to vacations, will be one of the third round contestants.

The results of the first round follows: Laura Redding defeated Virginia Glock, 8-6, 6-3; Alma Enderle and Anna Scott both forfeited; Ruth Holle defeated Mary Thomas, 6-1, 6-3; Carol Koerber and Flora Roller both forfeited; Alice Eggers won from Clara Henline by forfeit.

The results of the second round: Laura Redding won by Enderle-Scott forfeit; Ruth Hoelle won by Koerber-Roller forfeit; Hilda Walda defeated Alice Eggers, 6-0, 6-1; Mildred Frick won from Florence Brown by forfeit; Mildred Archbold won from Leola Foster by forfeit; Esther Moll won from Grace Phillips by forfeit; Mildred Koester defeated Tressie Singrey, 6-1, 6-1.

### G-E Girls to Have Bowling League

A preliminary meeting of girls interested in bowling was held August 29th at the bowling alleys. Mr. Snodgrass and Mr. Dreyer, as representatives of the G-E Club, explained how the men's leagues were conducted.

On September 5th, a second meeting was held in which rules and policies for the girls' bowling league were adopted. With the large number of new girls who have entered and the experienced girls who are continuing, together with the help and encouragement which the G-E Club is lending, the girls intend to make a name for themselves in city bowling circles.

## Fish Fry

THE Punch Press and Tool Room Depts. held their monthly picnic supper, August 18th, in the Meibers' Woods. The menu of the evening called for fish and plenty of them. Following the supper, horseshoe pitching and a pleasant social hour were enjoyed.

## Births

Paul Russell, Automatic Dept., announces the arrival of a little daughter, Wanda Mae, on September 1st.

Miles Roop, inspector, announces the birth of a son, Robert Lyle, who arrived on September 1st. Mrs. Roop will be remembered as a former employee, Izora Thornhill.

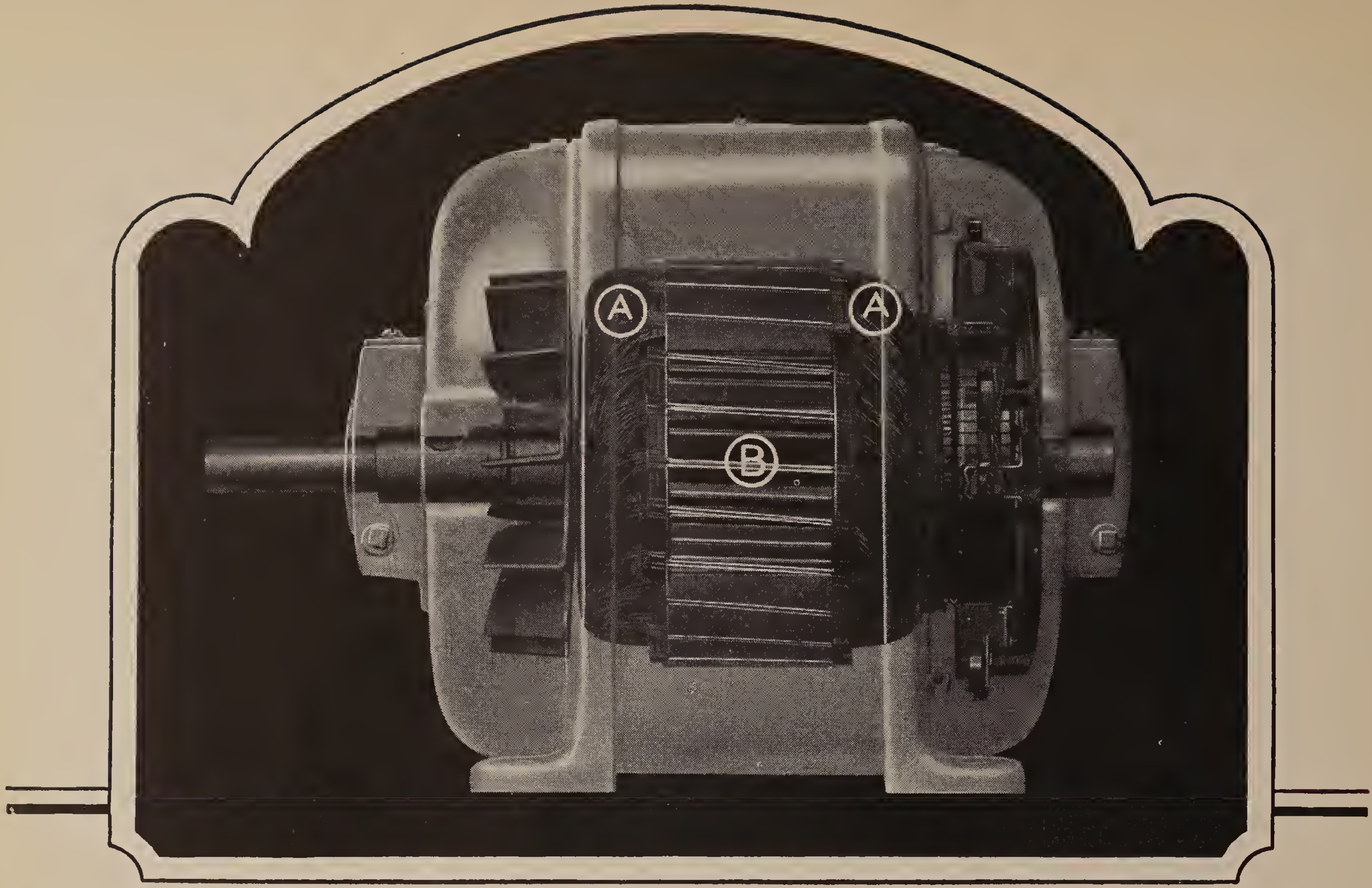
George Meyers announces the arrival of a son, Gene Leroy, on Sunday, August 19th. Mrs. Meyers will be remembered as Opal Johnson, of the Winding Dept.

The family of Carl Luse is happy over the arrival of Robert Carl, born August 28th.

## Weddings

### Stauffer-Hammond

On August 25th, Reva Hammond became the bride of Fred E. Stauffer, Jr., electrician at Decatur Plant. The wedding occurred at the home of the bride's parents, the Rev. Sunderman directing the ceremony. The young couple will make their home on N. Ninth Street.



# For your Single-phase Drives—Type SCR

Exceptionally satisfactory starting, accelerating, and running characteristics of the Type SCR single-phase motor are largely obtained through the use of the double-wound armature (shown in "phantom").

"A"—External or primary rotor winding gives to Type SCR the *high starting torque* of the series repulsion motor.

"B"—Internal or squirrel-cage armature winding gives to Type SCR the *constant-speed* characteristics of the straight induction motor—as the SCR comes up to speed this winding becomes more and more effective until at full speed the load divides between repulsion winding (A) and squirrel-cage winding (B).

The SCR operates without mechanical short-circuiting switches or centrifugal devices.

G-E Motorized Power is more than a motor or its control—it is a practical and economical application of electric power. *Built-in* or otherwise connected to all types of industrial machines, G-E Motorized Power provides lasting assurance that you have purchased the best.

GE **Motorized Power**

*-fitted to every need*

204-8

# GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, SCHENECTADY, N. Y., SALES OFFICES IN PRINCIPAL CITIES

The Works News

October 19, 1928

# On the Front Cover

ON the cover of this issue is the portrait of the Group Incentive Clerk on the fifth floor of Bldg. 4. The term "group incentive" refers to the new plan of wage payment now in use in many sections of our Plant. In such sections the group incentive clerks take the place of the former time clerks. Some of their duties are similar under both the old and the new systems, but under the group incentive a clerk handles the records of a larger number of employees.

Miss Audrey Ries, the group incentive clerk of Bldg. 4-5, keeps the records for all the 270 employees on that floor. She inspects the clock cards daily, records the number of hours each employee works, notes the fact when any are absent; and when the absence cannot be accounted for she reports such cases to the Industrial Service Dept. Miss Ries happens to be the present secretary of the M.B.A. Section on that floor, so she is able to get at first-hand the information she needs in taking care of the M.B.A. The group incentive work, however, differs from the regular time clerk's duties in that under the new system daily reports are made on work completed, the time allowed and the actual hours worked. Such data is then posted on the monthly accumulative allowance report which goes to the Payroll Dept. and is used as the basis for computing the percentage of extra compensation paid to all in a group at the end of the month. Certainly this is not all there is to the clerk's duties under the group incentive system, but it is enough to indicate something of the responsibility attached to the job.

Besides the purely group incentive work, Miss Ries has many other things to attend to, such as the keeping of the engagement records, making out the removal from payroll notices and the monthly organization report, writing out dispensary passes and delivery of the pay checks to all employees on that floor. All in all, there is quite enough to keep one busy and Miss Ries has an enviable record in handling her work.

Miss Ries has been in G-E employ since 1919. She started winding armatures among the people with whom she is now associated. After about one year she was transferred to the position of time clerk and from that took up her present duties when the group incentive system was installed some two years ago. She is an active member of the Elex Club and was honored by election to the position of treasurer at the last annual meeting held September 26th. Two years ago she served as the club's representative to the Federation Council. Invariably, she is able to handle her assignments in such manner as to reflect credit both to herself and to her associates.

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

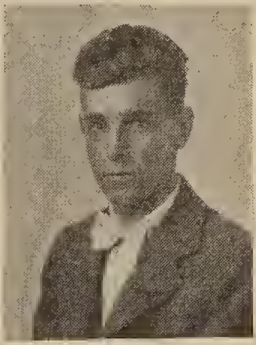
Vol. 12 October 19, 1928 No. 10

Al Sheean

L. Buckmaster

Everett Lindemann

Albert Holthaus


John D. Fletter

# "The Better Way" Continues to Pay

FIFTY dollars is the largest amount paid in awards on suggestions during the past month, but there were two such awards during that period. Archie L. Sheean, Bldg. 26-3, discovered still another way in which we can use a motor-driven device to advantage in our manufacturing operations. The suggestion which brought him a $50 award was that a motor-driven brush be used for cleaning the studs and terminals on transformers manufactured in Bldg. 26-3. Albert Holthouse, toolmaker in Bldg. 26-5, saw a way to make a saving in the cost of construction of a re-punch die and embodied his idea in a suggestion which brought him the other $50 award.

Winifred Dean, Bldg. 19-5, received a $35 award on a suggestion regarding a change in method of packing the 15- and 25-ampere type I-16 meters.

Everett H. Lindemann, Bldg. 4-3, received an award of $35 on suggesting the re-rolling of obsolete commutator bar No. 776 so that it could be used as bar No. 670 for fractional hp. motors.

L. Buckmaster, Bldg. 27, made a suggestion regarding improving the tube rolling machine in Bldg. 26 to permit notching of tubes and received $30 award.

Nora C. Coburn, Bldg. 26-2, suggested the gluing together of horn fiber and oiled linen as used in Bldg. 26-2, before cutting the materials. Her suggestion brought her $30 award.

Winifred Dean

Nora Coburn

John E. Deall, Bldg. 17-3, suggested improved tooling for the operation of forming brass inserts in Bldg. 17-3 and received $15 award.

Gerald Mugg, Bldg. 19-5, suggested a change in the support arm on the G-8 demand meter mechanism which brought him a $10 award.

W. W. Winner, Bldg. 19-5, received an award of $10 on suggestion of supplying colored leads for timers.

R. L. Flightner, Bldg. 18-4, received $10 as award on his suggestion regarding the ordering of certain strip brass for the Meter Dept. in rolls.

Stanley Emery, Bldg. 26-2, was awarded $10 on his suggestion of supplying a terminal soldering device for use in Bldg. 26-2.

F. C. Graffe, Bldg. 3-3, suggested packing of Y-1368 and similar transformers in corrugated paper cartons and received $10 award.

Clarence Ensch, Bldg. 4-5, received $10 award on his suggesting of fluxing rotors on arbor of soldering machine in Bldg. 4-5.

Lester R. Parrish, Bldg. 26-2, suggested a change to a method of anchoring finished leads on certain radio transformers and was awarded $10.

Doyle Miller, Bldg. 26-3, received an award of $10 on his suggestion regarding a change to the welded joints on retaining bands for annealing cars.

Ed. Koch, Bldg. 17-1, suggested an improved form for use in Switchgear Dept., Bldg. 17-1, and was given an award of $10.

Edwin E. Paff, Bldg. 26-3, received $10 award on suggesting the supplying of a clip to hold leads during a winding operation in Bldg. 26-3.

Awards in the amount of $5 each were granted to 52 local employees during the month of September. Those who received such awards and the ideas presented as suggestions are as follows:

F. Ely Current, Bldg. 17-2, change to assembly of nameplates on Y-1356 transformers in Bldg. 26-2.

F. Ely Current, Bldg. 17-2, use of tape capacitors in Bldg. 26-2.

Louis D. Hopper, Bldg. 20-1, supplying a safety ladder in Bldg. 6-3.

Edward A. Renz, Bldg. 26-2, change to spacers on GW-95 transformers.

George C. Braun, Bldg. 4-5, change to acorn nuts used with explosion proof motors in Bldg. 4-5.

QUARTER CENTURY CLUB MEMBERS WHO ATTENDED THE ANNUAL OUTING

*Front:* J. E. Hall; *Sitting:* Fred F. Miller, W. P. Kindt, Geo. Betz, Wm. Schultz, John F. Kiess, W. S. Goll, E. A. Barnes, M. S. Willson, W. G. Beeman, Peter M. Braun, Herman Rehm, W. G. Miller, W. H. Crighton, Herman Goller; *Standing:* Geo. Harkenrider, Henry Aumann, Edward Holmes, R. O. Orff, F. B. Owen, Henry Peters, M. L. Norris, Charles Brenner, Fred Moser, J. H. Evans, Ferdinand Kayser, W. C. F. Ehrman, Albert Schrader, Ray Renfrew, Waldron O. Brunner, Fred Kiefhaber, Geo. V. Meyers, Christ Martin, Eugene F. McLaughlin, Henry Pageler, A. C. Stein, William Raidy, R. E. Anderson, August Kayser, William Haag, William F. Nieman, A. F. Welch, George Kayser, William F. Melching, Edgar Eylenberg, F. J. Schwartzkopf, Nelson Bucher, Charles Rayhouser, Edward Kull, E. C. Olds, William F. Lageman, Charles E. Richards, Geo. Eylenberg, John Garta, August Eisenacher, A. D. Kelker, Louis M. Palmer, Ray Woodhull, F. G. Duryee, H. W. Garton, Edward F. Braunn, P. C. Morganthaler, Frank S. Schmidt, Elgie O. Nichelson, L. P. Wright, Carl Borchert, William Wehrs, Joseph E. Gruber, Otto Nahrwald, T. T. King, Charles Houser, Christian D. Kaiser, Robt. Muller, William Boseker, Theodore A. Trenkley, Edward H. Fisher, John F. Smith.

Guy Miller, Bldg. 19-5, supplying a pan to catch slugs on press in Bldg. 19-5.

Daniel Busbee, Bldg. 4-4, change to switch on Machine No. 3672 in Bldg. 4-4.

Oren M. Gilpin, Bldg. 4-1, supplying a guard at conveyor in Bldg. 4-1.

D. J. Long, Bldg. 4-4, guarding belts on Machine No. 2505 in Bldg. 4-4.

Harold E. Williams, Bldg. 4-4, supplying a spring for pin used in jig in Bldg. 4-4.

William Welch, Bldg. 4-4, bolting truing plate to truck in Bldg. 4-4.

Wallace C. Fox, Bldg. 17-2, supplying a guard at press No. 15760 in Bldg. 17-2.

Daniel F. Mee, Bldg. 26-1, supplying flexible hose connections in Bldg. 26-1 treating room.

Louis D. Hopper, 20-2, supplying elevator gate locks for elevator in Bldg. 20.

Fred B. Wilcox, Bldg. 3-3, change to size of cable used with Ice Machines.

Fred. W. Schaaf, Bldg. 4-4, use of removable pilots with counterbores used in Bldg. 4-4.

E. G. Johnson, Bldg. 4-3, change to material used for fractional Hp. motor shaft Drg. No. 36560345.

Milo Clark, Bldg. 26-4, and C. F. Hambrock, Bldg. 19-5, change to material used for phonograph motor element washers.

Louis D. Hopper, Bldg. 20-1, supplying guards at shive wheels in Bldg. 19-3.

Leo L. Blair, Bldg. 20-1, change to construction of paper tester located in Bldg. 12-1.

Richard Fawley, Bldg. 4-2, guarding gears on press No. 16698 located in Bldg. 4-2.

Levi E. Osborn, Bldg. 20-1, change to controls on crane No. 1 in Bldg. 26-5.

Lawrence L. Bergevin, Bldg. 4-1, supplying soldering iron holder in Bldg. 4-1.

Chas. A. Seymour, Bldg. 26-5, supplying a guard at power saw in Bldg. 26-5.

Ralph Heminger, Bldg. 4-1, supplying stops at conveyor in Bldg. 4-1.

Otis F. Haver, Bldg. 27, change to oven for heating mandrels in Bldg. 26-1.

Hersel Nash, Bldg. 20-2, supplying non-skid mats at furnaces in Bldg. 12-2.

Clyde L. Boyce, Bldg. 17-2, use of tapered ring with riveting fixture in Bldg. 17-2.

Nora C. Coburn, Bldg. 26-2, improved method of repairing certain GW transformer coils.

F. H. Lemish, Bldg. 26-3, change to guard at machine in Bldg. 26-3, to permit proper operation of machine.

F. Seitz, Bldg. 26-3, change to window and screen in Bldg. 26-3 to permit opening of same.

Joyous Chaney, Bldg. 26-2, lengthening guards on turret type winding machines in Bldg. 26-2.

Mildred Shaughnessey, Bldg. 17-2, change to the operation of placing leads in stator slot on Bldg. 17-2.

Raymond W. Epperson, Bldg. 4-5, countersinking holes and using proper rivets with Fractional Hp. Motor Field No. 33098.

Everett Lindeman, Bldg. 4-3, supplying pan and wiper at machine No. 4636 in Bldg. 4-3 to eliminate waste of oil.

John F. Overholt, Bldg. 19-2, supplying a special holding device for cutting off leads in Bldg. 19-2.

Suggest!

Elmer W. Brown, Bldg. 4-1, supplying an improved type tool post for facing glands at Winter St.

L. L. Bergevin, Bldg. 4-1, supplying fibre braces for turn counter regulators in Bldg. 4-1.

Wm. C. Wiedelman, Bldg. 20-1, change to water line at slate cutter in Bldg. 17-1.

Ethel P. Klopfenstein, Bldg. 17-2, change to hand riveting operation of stud in Bldg. 26-4, and countersinking pressure switch plate in Bldg. 26-4.

J. R. Heine, Bldg. 26-5, supplying special lifting clamps for large bolsters in Bldg. 26-5.

Guy Miller, Bldg. 19-5, using springs on air controls of punch presses in Dept. No. 420.

Lester A. Didier, Bldg. 17-4, changing fountain in Bldg. 17-4 to permit cooling of water.

Lester Grieser, Bldg. 20-1, supplying a drain at 20-1.

Harry M. Seitz, Bldg. 19-1, eliminating knurling operation on certain fractional Hp. motor collector studs.

Louis J. Hinen, Bldg. 4-1, extending guard at oven in Bldg. 4-1.

H. D. Brattain, Bldg. 26-2, change to method of anchoring certain transformer bushings in case.

Everett Lindeman, Bldg. 4-3, transferring commutator bar gauges to Bldg. 4-3.

M. D. Warner, Bldg. 17-3, supplying a guard at soldering booth in Bldg. 17-3.

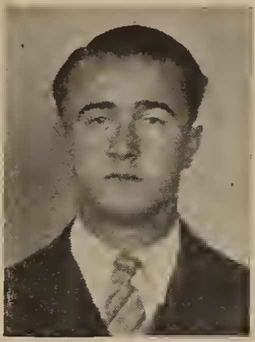
Keith M. Brickley, Bldg. 17-3, supplying a guard for machine No. 12312 in Bldg. 17-3.

Frank Coulter, Bldg. 26-2, supplying a trough at treating machine in Bldg. 26-2.

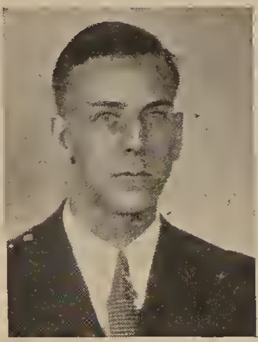
Henry F. Linker, Bldg. 12-B, supplying a sewer trap in Bldg. 12-B.

# New Student Engineers at Fort Wayne

J. B. Greer
Mich. U.


K. T. Deutsch
Colorado

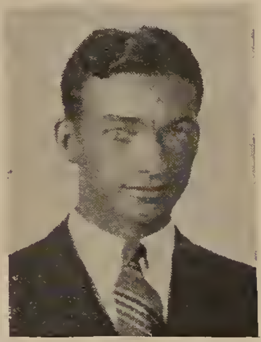
M. W. Byrne
Mich. State


J. P. Kreichbaum
Minnesota

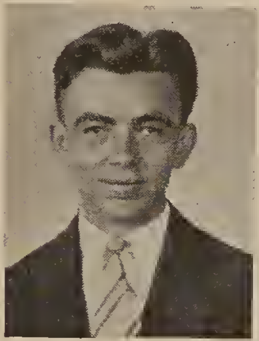
A. M. Smith
Washington State

E. H. Wasson
Kansas State

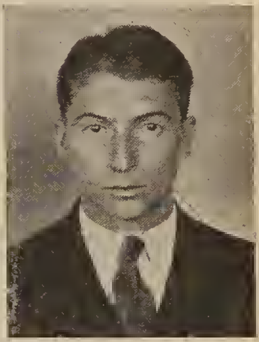
R. M. Robarge
Wisconsin


P. D. Dale
Iowa State

G. T. Graham
Iowa State


R. R. Black
~~Evansville~~ Col.

J. L. Hancock
Kansas State


C. H. Maichart
Iowa State

Marihar

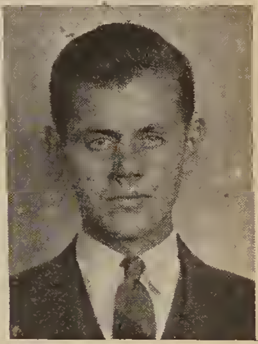
K. Boger
Ohio State

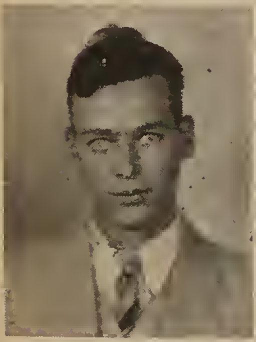
K. R. McDougal
Wisconsin

C. A. Thomson
Minnesota

Y. J. Duke
Colorado

E. C. Anderson
Minnesota


L. S. Dulaney
Ohio State


A. E. Chettle
Mich. State

M. O. Marsh
Purdue

C. A. Ertle
Purdue

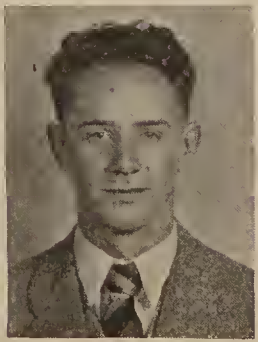
B. T. Wiechers
Wisconsin

C. F. Roda
Iowa State

C. H. Hinricks
Nebraska

Geo. L. Fisher
Minnesota

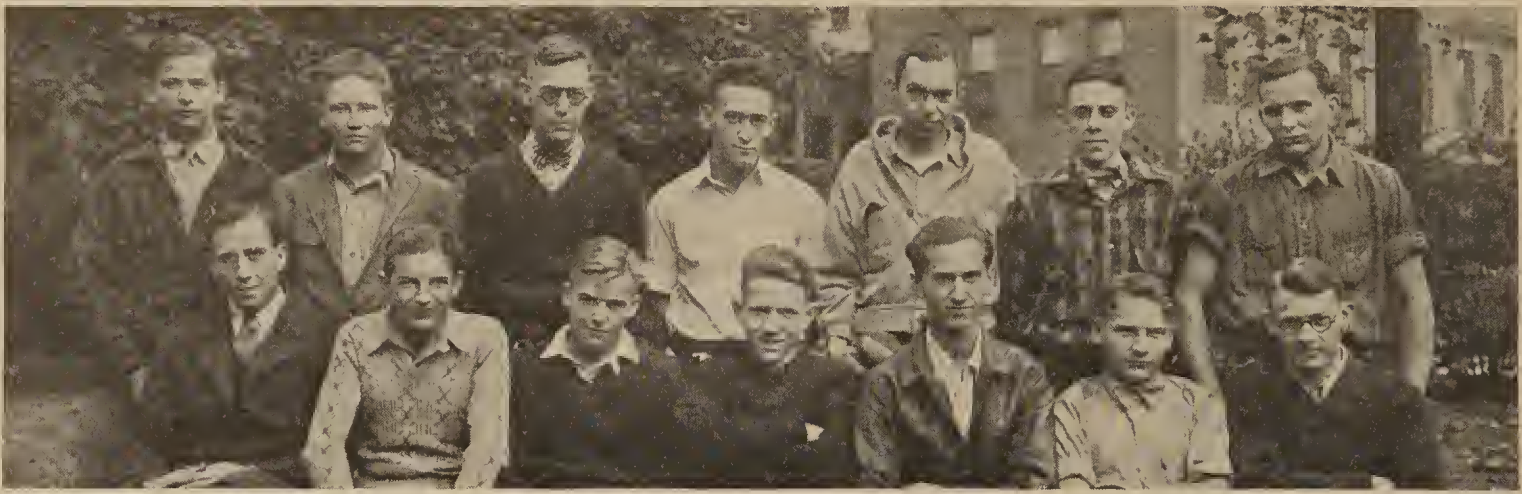
J. E. Pendleton
Iowa State


M. D. Pillars
Oregon State

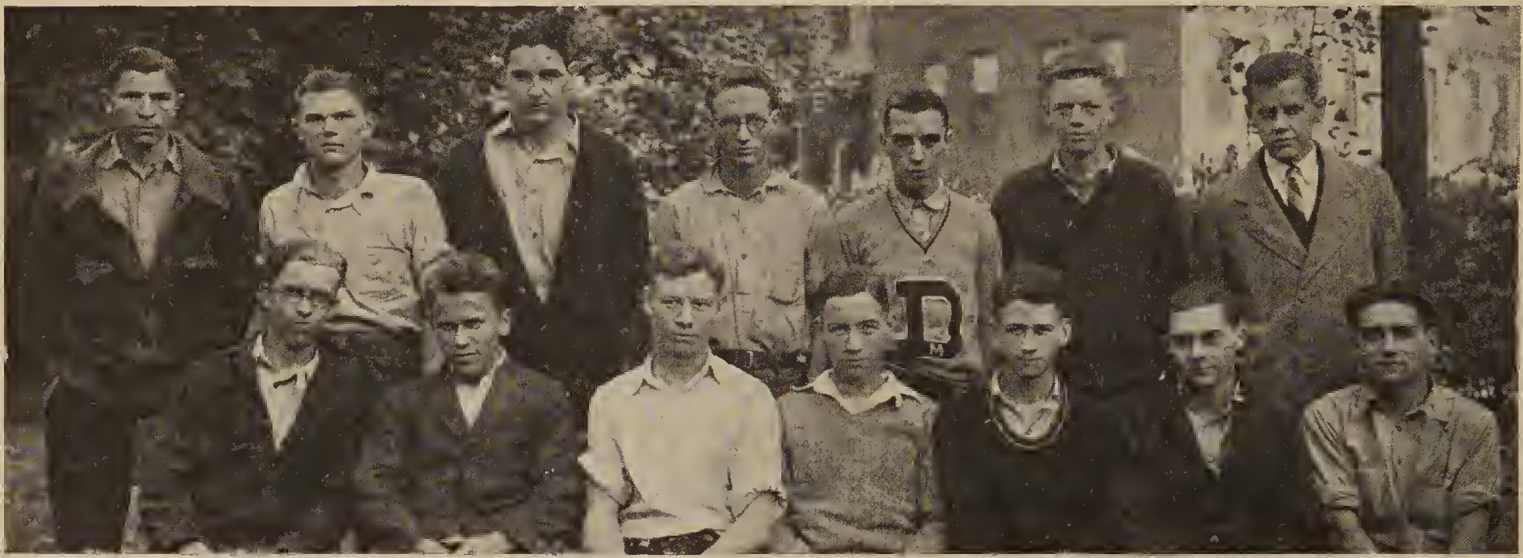
W. J. Bardonner
Purdue

W. M. Adams
Purdue

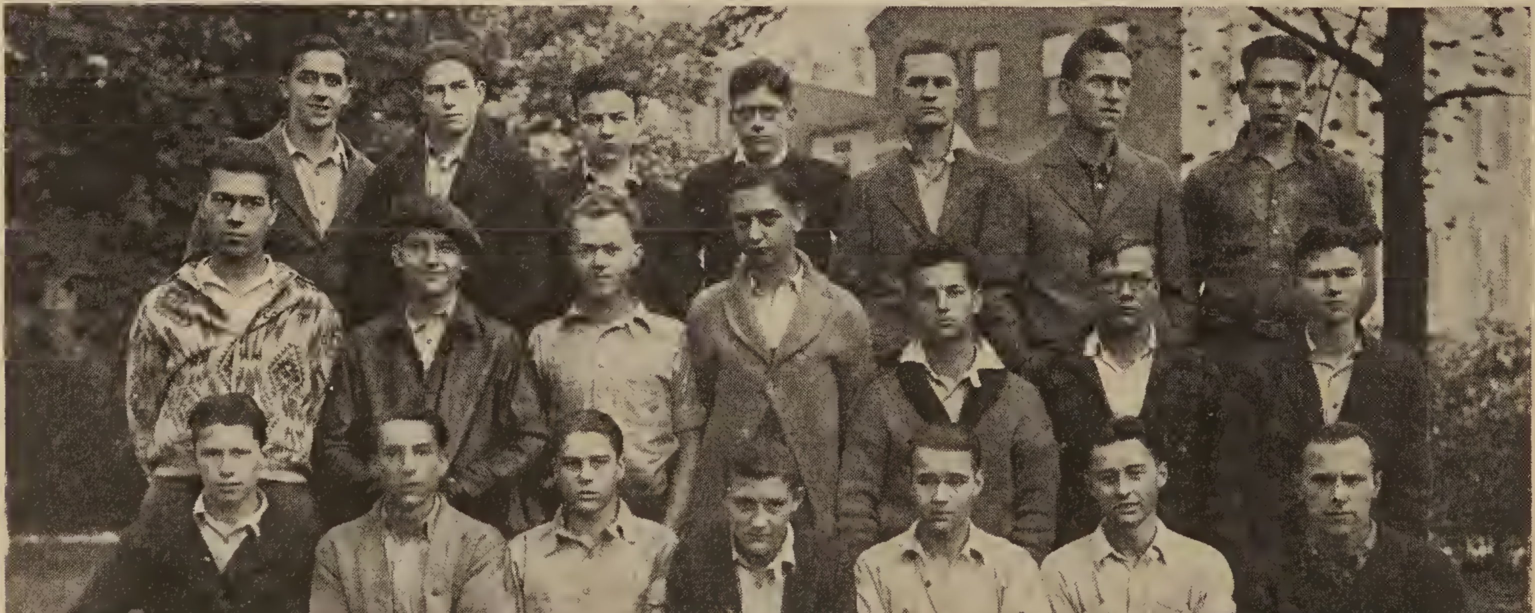
# Three Groups of Apprentices



*Standing:* Walter Hahn, Francis Beitler, George Reuter, George Owens, Donald Hyde, Richard Newcomb, Walter Coolman; *Sitting:* Harry Braden, Charles Sprague, Reginald Ryder, Robert Kallmyer, Orlo Warner, Lawrence Painter, Fred Orians.



*Back Row:* Melvin Nussel, Glenn Carroll, Gale La Moyne, Alvin Lewis, Kermit Manecke, Kenneth French, L. S. Dulaney, instructor; *Sitting:* Wade Tyler, Harold Knepp, Emerick Renbarger, Conrad Monroe, Clue Furgeson, William Kriskell, Charles Wilt.



*Back Row:* Dale Steward, Milo Schmidt, Paul Madden, Roland Walters, Kenneth Ervin, Fred Deemer, Kenneth Tappy; *Middle:* Donald Lewis, Paul Berlien, True Sheets, Wallace Rice, Russel Simon, Harold Wherry, Winton Huffman; *Front:* Donald Lesh, Paul Felger, Charles Coles, Paul Horning, Gerald Brown, Carl Mosser, Paul Deemer.

## Sherbondy and Wheeler Finish Work

TWO of the draftsmen apprentices completed their courses of study in September and were awarded diplomas and the customary $75 cash bonus.

Harold Sherbondy, who completed his apprentice work September 1st, is a Fort Wayne boy, a graduate of Central High School, class of 1925. He has taken quite an active part in Plant athletics, playing on both basketball and water polo teams. On completing his apprenticeship he was assigned to regular drafting on fractional horsepower motors, and is now working in that section under the direction of M. G. Norris.

John Wheeler completed his apprentice work on September 8th and he also has been assigned to drafting in the fractional horsepower motor section under M. G. Norris. Wheeler is an Adams County boy, a graduate of the Geneva High School, class of 1922. Throughout his apprenticeship training period he took an active part in apprentice activities.

### Fifteen New Students Enroll

During the past month fifteen new student apprentices were enrolled. Seven of these are taking the draftsmen course, seven the machinist and tool-maker course and one the course for electrical testers. Emeric Renbarger, from Marion, is the electrical tester student. Reginald Ryder from Bradner, Ohio; Francis Beitler, from Kirkland; Alvin Lewis, from Bridgeport, Illinois; Robert Kallmyer, from New Haven; Orlo Warner, from Leo; Frederick Orians, from Upper Sandusky, Ohio; and Robert Harreld, from Marion are the new draftsmen students. Those who recently enrolled for the machinist and tool-makers course are Fred and Paul Deemer and Paul Horning, all from Bippus; Earl Plummer, from Ossian; Lewis Sherbondy, from Peru; Harold Misegades of Peru, Kansas; and Adam Farrell, from Fort Wayne. All are high school graduates.

Class room work for the apprentice beginners started September 1st.

John W. Wheeler

Harold Sherbondy

## Wolf Given Charge of Apprentice School

A CHANGE in our organization which is of interest to many was effective on October 1st when Oscar Weitzman, foreman of the Apprentice Dept. and in charge of apprentice training, was transferred to the Tool Division to take over special assignments under B. C. Evans, the superintendent of that division, and Mr. Weitzman's former responsibilities were assigned to Walter Wolf, foreman of our Specialists Training Dept.

Mr. Weitzman has had charge of the apprentice training since 1917, when on the resignation of Ray Doyle, he was promoted from the position of assistant, which he had held about eighteen months. Before taking the position as assistant in the Apprentice Dept., Mr. Weitzman had served a four year apprenticeship in the Toolmaking Dept. where our machinists were formerly trained. After serving his time he worked as a toolmaker for about two years until he was appointed as assistant in the then only recently established Apprentice Dept. When Mr. Weitzman took charge there were only about twenty apprentices in training. When he left the department approximately 180 young men were enrolled for apprentice courses.

Walter Wolf

O. L. Weitzman

Mr. Wolf also served his apprenticeship under the old system wherein men were trained in the various machine departments. It was in 1910 that Wolf finished his training and then took work as a machinist. After about four years he was promoted to work as a toolmaker and followed that trade until 1918. As our country was then engaged in the World War and it was scarcely possible to get enough people who were experienced in operating machines, the Vestibule Training School was established, with Mr. Wolf in charge, to train machine operators quickly. This school proved so successful that it has been maintained ever since. Some 1400 people have received training in it. At present there are about 50 taking such training and this is about the average number so engaged. Mr. Wolf will continue to supervise the specialists' training in addition to his new duties in connection with the Apprentice School.

## New Student Engineers At Fort Wayne

TWENTY-NINE student engineers have been added to the student course at the Fort Wayne Works since the graduation exercises of the different universities last spring. They come from the following schools: five from Iowa State College, four from Purdue University, four from the University of Wisconsin, three from the University of Minnesota, two from Michigan State College, one from the University of Michigan, two from Ohio State University, two from Colorado University, two from Kansas State College, one from the Washington State College, one from Oregon State College, one from the University of Nebraska, and one from Evansville College.

A general course for student engineers will be started the week of October 8th, meeting on Tuesday and Thursday evening from 5:15 to 7:15 p.m. They will study business organization and management on Tuesday evening and engineering on Thursday evening. All twenty-nine students have signed applications for this course.

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

*Published on the third Friday of each month by the General Electric Co. in the interests of the employees of the Broadway, Winter Street and Decatur Plants.*

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Vol. 12 October 19, 1928 No. 10

## Safety Paragraphs

### Are You Feeding the Fire Bug?

EVERY time you hear the fire engine roaring past, you can figure out that the country is so much poorer. But whether or not you see or hear it, the fire loss is going on just the same. Somewhere property is going up in smoke.

Every year the people of the United States feed the fire bug more than $500,000,000 worth of their property. Thousands lose their homes and thousands have to look for new jobs or wait until factories are rebuilt.

The fire bug is a man eater. More than 10,000 persons die each year in fires large and small. Too many people carry insurance and feel that they've done all that is necessary. If they had to pay fire losses out of their own pockets they would think twice before throwing away a lighted match or a live butt. They would keep the attic and the basement free from old paper and rags and they would keep the chimneys and stovepipes in good condition.

Perhaps you carry fire insurance on your home and household furniture. The rate per thousand dollars may seem low in comparison with, say the cost of burglar insurance. How, then, could it make such a difference in the cost of living?

The price of every article includes not *one* fire insurance premium but *several*. Everyone who has handled that article and all the materials in it, from the original producer to the merchant who sold it to you, has carried insurance at rates which are unnecessarily high. You pay it eventually.

Fires seldom start in clean places. The fire bug will starve if everyone does his part.

* * *

### The Importance of Leisure

Personal success depends as much on profitable rest as upon the intelligent expenditure of energy on the job. From six to eight hours sleep out of twenty-four is one essential; profitable recreation for the mind and body during waking hours is equally important.

Too often we confuse rest with loafing. A change of occupation may be a rest since the whole of our physical and mental facilities are used at the same time.

The man who wields a shovel or sledge hammer during the day and comes home tired physically, can often find rest and enjoyment in reading or listening to music. A game of cards, checkers or chess may provide pleasant recreation but they should not crowd out other forms of recreation. But even a game of solitaire is better than total laziness which too often leads a person to brood over troubles, both real and imaginary.

The person who spends the day at indoor work which requires close concentration and not much physical effort may find relaxation in the open air. A home and garden are ideal but not everyone is fortunate enough to have them. There are outdoor sports suited to each individual's physical endurance.

Some may find their chief enjoyment in the development of other mental facilities. Many people have special talents which are not brought out in the day's work. Some find an outlet in drawing, painting, tinkering with a car or a radio, or in the various handicrafts. Others, with musical ability, find their greatest pleasure in a glee club, band or orchestra.

In spite of the fact that over 500 new employees were added to our forces during the month of September, we had only nine lost-time accidents. Six of these occurred during the last week of the month. This is a fine reduction as we had 22 lost-time accidents in July and 19 during August.

The fact that the Fractional Hp. Motor Division worked the entire month of September without a lost-time accident after having had 7 in July and 7 in August, and the Apparatus Division also worked the month of September without a lost-time accident after having had 4 in August, is responsible for this showing during September.

The standing of the various divisions on October 1st based on the number of lost-time accidents, is as follows:

| | |
|---|---|
| Decatur | 1 |
| Receiving and Shipping | 1 |
| Expense | 4 |
| Tool | 6 |
| Meter | 10 |
| Apparatus | 10 |
| Winter Street | 12 |
| General Service | 13 |
| Transformer | 26 |
| Fractional Hp. Motor | 31 |

## Technical Night School Starts Fall Term

THE G-E night school started the fall term the week of September 24th. This promises to be one of the most successful years in its history, as approximately 260 people reported to the classes during the first week. On account of the large number of applicants, the following classes must be run in more than one section: arithmetic and blue print reading, two sections, Tuesday and Thursday; machine shop practice, two sections, Wednesday and Friday; elementary typewriting, three sections, Monday, Tuesday and Friday.

Fifty-two applications have been received from the Decatur plant, and two classes, one in public speaking and one in mechanical drawing are assured and will be started as soon as arrangements can be completed. Instructors from the Broadway plant in Fort Wayne will go to Decatur to conduct these classes.

# Which One Is Selfish?

ONLY too often, when a wife mentions insurance to her husband, she is met by sarcasm or suspicion. There is a certain type of husband who thinks his wife is selfish if she wants to see him insured.

Such husbands forget that *they* are the ones who are being selfish—when they don't take out insurance. For we all know that death is no respecter of persons, that no matter how safe a man may play, there are plenty of fools at large who may bring about unforeseen accidents, and that vain regrets do not feed hungry mouths. And we all know that disease, often, falls upon those least prepared for it.

A wife knows that, if she is not adequately provided for, she will have a double burden in case of her husband's death. Her home duties will go on. But *in addition*, she will be forced to shoulder the financial burden which was not hers before his death. Is it selfish of her, then, to ask for a little protection?

The G-E Group Insurance Plan offers just such protection. And it is seldom that one hears of the cases where the insurance is a God-send; for the transaction of handing over the check is simple, quiet, and dignified. On the other hand, cases of poverty and want, for lack of insurance, bring themselves to the front with only too much force.

Recently, however, one of the thousands of cases in which insurance helped was reported in a letter from the superintendent of the Chicago Service Shop. He wrote, reporting the delivery of a check for $3500 to the widow of Arvid G. Ohrman, an employee of the Service Shop, and said:

"I personally delivered this check to Mrs. Ohrman this morning and she expressed her sincere appreciation for receiving the same. She certainly feels very grateful to the G.E. for the check represents the only insurance that her husband held with the exception of that of two fraternal organizations for $500 each. She remarked that she would not have known what to do, if it had not been for this insurance."

Her simple statement carries far more force than all arguments. It's only fair to protect your wife by the G-E Group Insurance Plan.

### Death Claims Paid During Month of August, 1928

| Years | Date of Death | Employee | Age | Beneficiary | Free Ins. | Add'l Ins. |
|---|---|---|---|---|---|---|
| *Schenectady Works* | | | | | | |
| 33 | June 12 | Anna M. McCann | 58 | Sister | Yes | No |
| 12 | July 13 | Luigi Liburdi | 45 | Wife | Yes | Yes |
| 8 | July 27 | Wm. A. Simmonds | 65 | Wife | Yes | Yes |
| 27 | July 30 | Peter A. Dente | 67 | Wife | * | Yes |
| 10 | Aug. 2 | Louis L. Lanigra | 55 | Wife | Yes | Yes |
| 26 | Aug. 3 | Frank Pacyga | 64 | Wife | * | Yes |
| 24 | Aug. 11 | Michael S. Mikofski | 68 | Wife | * | Yes |
| 31 | Aug. 16 | August Serran | 71 | .... | * | Yes |
| *River Works* | | | | | | |
| 10 | July 22 | Martin Connor | 39 | Wife | Yes | Yes |
| 5 | Aug. 1 | Fred Cameron | 37 | Wife | Yes | Yes |
| 24 | Aug. 7 | Norman I. MacLeod | 55 | Daughter | Yes | Yes |
| *Erie Works* | | | | | | |
| 9 | Aug. 9 | Myrtle I. Birchard | 48 | Husband | Yes | Yes |
| *Ft. Wayne Works* | | | | | | |
| 1 | July 12 | Alice M. Jacquay | 21 | .... | ** | Yes |
| *Bloomfield Works* | | | | | | |
| 9 | Aug. 4 | August H. Windel | 65 | Son | Yes | Yes |
| *Bridgeport Works* | | | | | | |
| 2 | Aug. 10 | Clarence M. Perkins | 45 | Wife | Yes | Yes |
| *Australia* | | | | | | |
| 20 | Feb. 9 | Alexander McKirdy | 68 | Sister | * | No |
| *General Office—Philadelphia Office* | | | | | | |
| 15 | July 23 | Casper Smith | 44 | Wife | Yes | Yes |
| *New York Office* | | | | | | |
| 5 | Aug. 5 | Erick L. Fredrickson | 30 | Wife | Yes | Yes |
| *Loughborough Mining* | | | | | | |
| 27 | Aug. 10 | George W. McNaughton | 58 | Wife | Yes | Yes |

| | Free Insurance No. | Free Insurance Amount | Additional Insurance No. | Additional Insurance Amount |
|---|---|---|---|---|
| Claims paid under Metropolitan Plan | 17 | $ 22,877.34 | 17 | $ 26,000 |
| Claims paid under Travelers Plan | 0 | .......... | ... | ........ |
| Claims paid month of August, 1928 | 17 | 22,877.34 | 17 | 26,000 |
| Previously reported, 1928 | 216 | 245,107.40 | 192 | 295,500 |
| Total claims paid 8 months, 1928 | 233 | $267,984.74 | 209 | $321,500 |
| Total claims paid since Nov. 16, 1925 | | | | $2,162,633.43 |

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*Paid in full as pension or reduced by amount of pension payments.

**Out over one year because of illness

## Patents Granted

THE following patents have been granted by the United States Government in the names of General Electric Employees:

*Schenectady:* A. W. Hull, amplifiers; W. K. Kearsley, Jr., vibrating regulators; A. E. Anderson, systems of electrical distribution; H. D. Brown, electric discharge devices; F. A. Byles, regulating systems; C. L. Heisler, compressors; W. K. Kearsley, regulating systems for thermionic devices; C. C. Runner, motor control apparatus; L. J. Weber, motor controls; A. E. Anderson, electrical distribution systems; W. R. G. Baker, high-frequency signaling systems; H. W. Brown and A. E. Bailey, Jr., vibratory devices; W. W. Brown, automatic antenna regulators; W. D. Coolidge, hot-cathode devices; W. S. H. Hamilton, motor controllers; O. K. Kjolseth, railway trucks; E. M. Hewlett and W. W. Willard, means for reproducing positions; A. H. Mittag, means for reproducing position; S. P. Nixdorff, means for reproducing position; J. E. Love, automatic antenna regulators; C. McMillan, systems of electric ship propulsion.

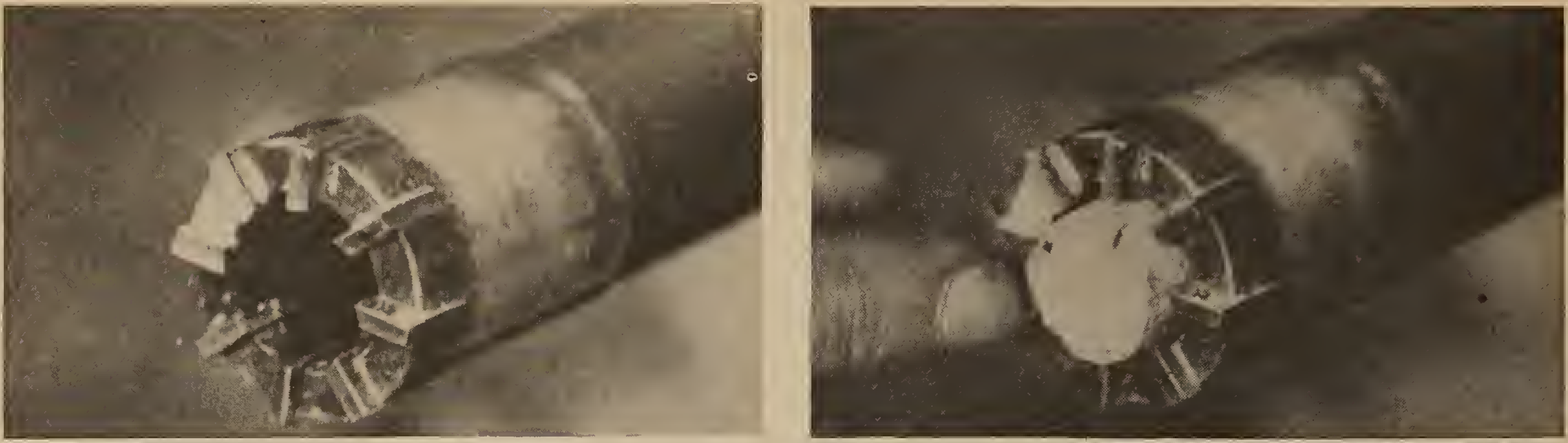
*Lynn:* Elihu Thomson, high-frequency induction apparatus; W. H. Pratt and D. R. Price, telemetric impulse summation systems; T. A. Rich measuring devices; S. R. Bergman, magnetic wedges.

*Bridgeport:* L. A. Kempton, electric heating systems; C. E. Wilson and H. Huenerkopf, metal tubing machines; D. Hayes, incandescent lamp sockets; F. C. DeReamer, hanging means for electric fans and the like.

*Erie:* G. Macloskie and C. A. Ives, car-door-control equipments; W. W. Brown, controller handles.

*Pittsfield:* H. R. West, induction voltage regulators.

*Fort Wayne:* C. I. Hall, electric switches



FOR DRILLING CONCRETE

*Left:* The drill, before starting; *Right:* The drill after boring, showing core of concrete

# It Cuts a Screw Thread in Glass

IT cuts a screw thread in a glass rod, bores a smooth hole in a block of concrete, machines the hardest of steels, and cuts porcelain on a lathe—things difficult or even impossible with present-day machine tools.

The new cutting material which is capable of these astonishing things was announced by Dr. Samuel L. Hoyt, Research Laboratory, Schenectady Works, at the annual convention of the American Society for Steel Treating, at Philadelphia on October 11th. This material, named Carboloy, is composed of tungsten carbide and cobalt, the carbide being extremely hard and the cobalt giving it the necessary strength for cutting tools.

The possibilities of the new tool material were indicated by Dr. Hoyt in reference to cutting molded material containing metal inserts, such as the fabric gears used in automobiles. Cobalt-chromium alloy cutters, which had given the best previous service in this work, required redressing for every 150 parts machined; the new tungsten carbide tools, operating under identical conditions, finished 11,000 parts before they required sharpening.

The Concrete Drill at Work

"The new material," said Dr. Hoyt, "can machine harder and denser grades of steel than can be handled economically by high-speed steel; and steels with higher alloy contents than are now commercially machinable will be brought into the machinable class."

Usual cutting tools will not affect a glass rod; instead, a rod of glass in a lathe will wear off the edge of a cutting tool that is pressed against it. But the tungsten carbide tool quickly cuts into the glass, and can even be used for cutting a screw thread into the rod. Likewise, hard porcelain insulators can be machined on a shaper with the new material. For drilling a hole in concrete and rock it previously was necessary to use either an expensive diamond drill or a "star" hammer, which really breaks its way roughly through the concrete. A drill made with the new cutting material has advantages over both of its predecessors, in that it is less expensive than the diamond drill and that it cuts a smoother hole than does the "star" hammer drill.

A high manganese steel, previously in the non-machinable class of metals, was found to yield so easily to the new cutter that commercial operation is expected to be developed. Similarly, in the General Electric research laboratory it has been found that numerous experimental alloys can be handled by tungsten carbide cutters, although not with the usual tools. It was found that even a block of quenched high-speed steel could be machined on the shaper with the new material, although with difficulty, and that the same held true with the super-high-speed cobalt-chromium alloys.

In testing high-speed steel it is customary to use a nickel-steel test log, operating at about 50 feet per minute. Because of the lack of effect on the new cutter, however, it was necessary to increase the speed

*Lower:* Steel Cutter, Quickly Worn Out; *Upper:* Carboloy Cutter After an Hour's Run

to 200 feet per minute. At this higher speed a high-speed steel cutter failed in 16 seconds, with its edge burned off. The tungsten carbide tool, operated under identical conditions, was run for an hour before the test was finally stopped, and the tool was still cutting and capable of cutting for a much longer period of time. In another run with a test log of chromium-nickel steel, with a cut of $\frac{3}{8}$ inch and a feed of $\frac{1}{8}$ inch, good high-speed tools failed in from six to eight minutes when operated at 35 feet per minute. Carboloy tools, with the same cut and feed but at 70 feet per minute, twice the speed, showed but little wear after ten minutes.

One difficulty with today's tools has been that wear of the tool causes a taper. In machining a hollow cylinder of carbon, for instance, the best tool steel loses its cutting edge and begins cutting a taper soon after starting; tungsten carbide tools take an entire cut without tool wear, and hence without tapering.

Genelite, composed of copper, tin and carbon, is so soft it can be whittled easily with a knife, but it is also so abrasive that it dulls a steel tool almost at once. A cut on a small cylinder of only a few inches in length has always been on a taper; here again the tungsten carbide tools have not been worn, and hence the cuts are not tapered.

The bearing surfaces of commutators of electric motors, of alternate layers of mica and copper, have always presented a problem since they must be accurately machined and since mica is very abrasive. Here also the new material gives a very smooth finish without undue wear.

Molded compounds, such as Bakelite and Textolite and hard rubber, also wear tools quickly. Diamond tools are generally used with Bakelite since the precious stones have been the only material to stand up at the high cutting speeds used. If the Bakelite contained a metal insert, however, a special operation was needed since the diamond would be broken if it struck the metal at high speed. With Carboloy no special operation is required.

When considering cast iron, cutting conditions are found to be much different. The parts are frequently large, the cutting speeds are lower, the cuts are heavier, and the tool pressures greater. One of the most difficult jobs with cast iron has been the removal of surface layer of chilled metal, particularly if the surface contains sand. The chilled iron and sand are harder than tool steel, so that the edge of the cutter is taken off almost at once. Tungsten carbide, however, is harder than the surface of the cast iron, so that it can handle work of this kind without difficulty. In fact, the same speeds and feeds can generally be used for the surface as for the sub-surface cuts.

Hard castings can be handled as easily as soft ones with the new material, and intermittent cuts are also handled satisfactorily.

### Physical Properties of Carboloy

The windows in the laboratory rooms bear witness to the extreme hardness of the new cutting material—deep scratches have been made in the glass, just as though a diamond had been used. Natural sapphire, next below diamond in the scale of hardness, is also scratched by the tungsten carbide. If Carboloy is held against the side of an emery grinding wheel, a deep, narrow groove is worn in the stone, without the Carboloy suffering much loss, whereas ordinary tool materials are worn away.

When it came to measuring the hardness of the new cutter, it was found that the usual method would not work, and a different method had to be devised. This test showed that common hardened tool steel has an average hardness of 850 on the Brinell scale, that the hardest steel is about 1000, and that the hardness of Carboloy runs 2000 and above.

The addition of cobalt to tungsten carbide increases its strength to more than half that of high-speed steel. Tungsten carbide without cobalt has a strength of less than 50,000 lbs. per sq. in., Carboloy up to 275,000 lbs.

*(Continued on page 12)*

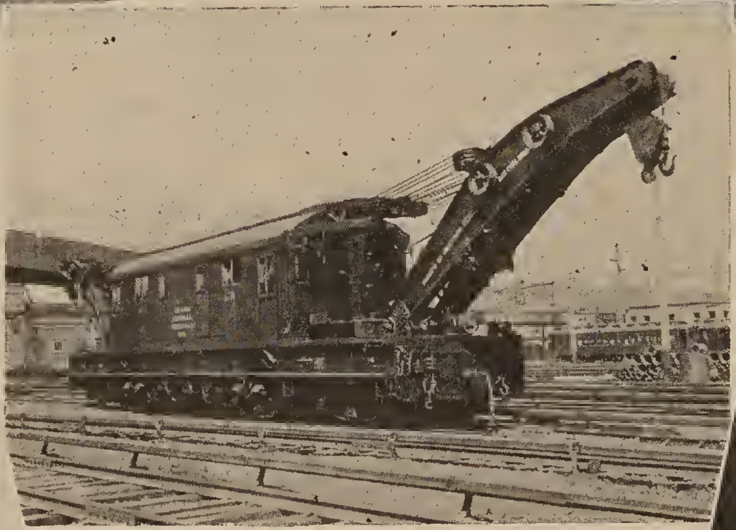
Cutting a Thread in a Rod of Glass

# *Here and There With the G-E Camera Man*

Ann Pennington, famous dancer, being televised by the G-E television set at the Radio World's Fair in New York

Owen D. Young, Chairman of the Board of Directors, inspecting a prize bull calf on his farm at Van Hornesville, N. Y.

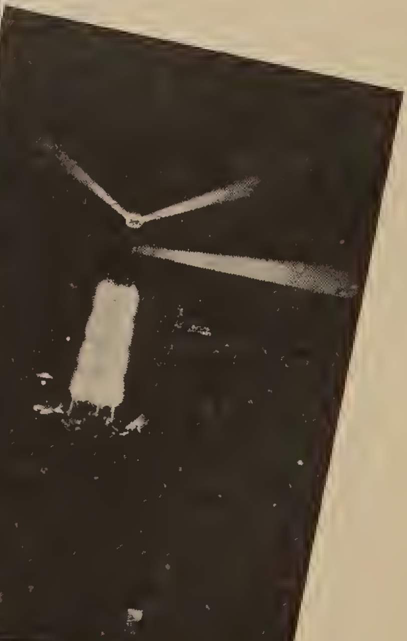
Walter L. Greene, G-E artist, finishing the airport painting which was presented W. P. MacCracken Jr., Ass't Sec'y of Commerce for Aeronautics



The 1900-ton G-E equipped wrecking crane, now in use at the Grand Central Terminal of the New York Central

This junction tower of truscon steel poles is a part of a G-E electrification in the sugar district of Honduras

President Gerard Swope leaving for a short vacation in Europe



A night view of Roanoke Tower, Chicago, Ill., equipped with G-E 24-inch, 8,000,000-candle power revolving beacons

# Around the World with General Electric

### Cuba

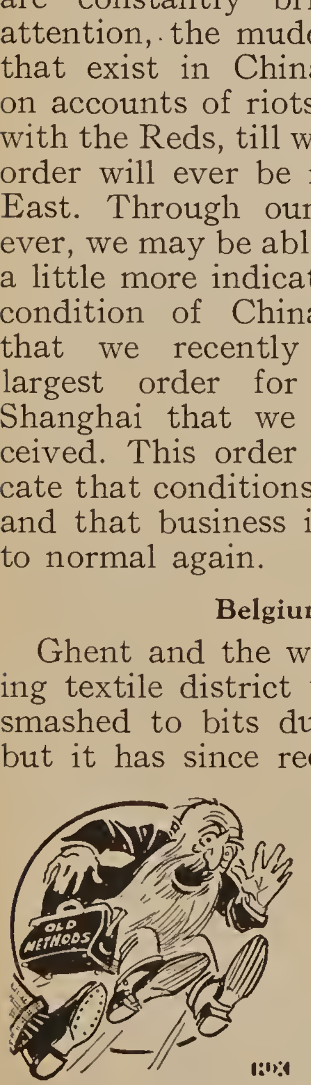
Thirsty Americans quite narrowly assume that Cuba is only a place to obtain liquor and cigars. They seldom penetrate the country beyond the hotels, golf courses and bars. But besides the cigar factories in Havana, there is a university that every year turns out its batch of young engineers. Recently G.E. received an order for electrical laboratory equipment from this University. Such an order is more important than an ordinary sale, because the apparatus will be a permanent advertisement, bringing our Company and its products to the attention of the students, future users and purchasers of electrical supplies.

### China

The newsreels and newspapers are constantly bringing to our attention, the muddled conditions that exist in China. We are fed on accounts of riots, battles, plots with the Reds, till we wonder when order will ever be restored in the East. Through our orders, however, we may be able to get a view, a little more indicative of the real condition of China. It happens that we recently received the largest order for motors from Shanghai that we have ever received. This order seems to indicate that conditions are improving and that business is coming back to normal again.

### Belgium

Ghent and the whole surrounding textile district was fairly well smashed to bits during the War, but it has since recovered and is now producing cloth and rugs of the same fine quality that made it so famous before the war. The looms now are run by specially developed G-E motors. The loom motors have to have special windings, but for the most part are made up of standard motor parts.



### Spain

Seville's ancient lustre will be considerably brightened this month during the Ibero-American exposition by several units of G-E lighting equipment. Two magnificent old squares, Plaza de San Diego and Plaza de España are illuminated by regular type L projectors, and in addition, on the two big towers in the Plaza de España are mounted two twenty-four inch revolving projectors of the aviation type.

### Delaware

Rayon has become a very popular substitute for silk in the manufacture of ladies' underwear, stockings and even outer garments. Milady has found its sheen pleasing, and its price very acceptable, and as a result Rayon is now a familiar household term. The G-E office at Philadelphia reports that the Delaware Rayon Company of New Castle, Del., has placed an order for 1000 spindle motors to be used for the individual drive of Rayon spinning machines, to replace the mechanical drive.

### India

India is apparently a pretty hot place, and the problem of keeping cool must be rather serious at times. The movies and travel books always picture servants waving palm fans over people's heads. But now we will have to change our impressions, since electric fans are coming into popularity. Electricity is now the servant and graceful ivory and gold finished blades have replaced the stringy palm leaves. Perhaps they are taking away from India some of its mystery and romance, but they are making it a great deal more comfortable. Only last month another lot of 200 G-E fans were released for shipment.

### Washington

When a large, reliable company wants reliable equipment, it usually turns to General Electric. The Weyerhouser Timber Company of Washington, one of the largest lumber concerns on the west coast, recently turned in to our Portland Office an order for the electrical apparatus for their new mill at Longview, Wash. The order includes over 62 items of motors and controls for the new plant.

### Washington, D. C.

When one considers that the Bureau of Engraving and Printing produces 12,000 lbs. of punchings each month in the process of perforating the various kinds of stamps, postage, revenue, special tax, etc., one comes to realize the almost unbelievable volume of business that keeps the presses running day and night including Sundays. To handle such great strain, the Bureau must have dependable electrical equipment. It has ordered through our Washington Office three 5000-ampere rotary converters, and three 13,200-170-volt, 60-cycle transformers. The installation will be the first of semi-automatic switching equipment in the government departments at Washington.

### Canada

In order to transmit power from the new Gatineau Power Company's generating station at Paugan Falls to Toronto, a distance of 250 miles, it has been necessary to use the highest transmission voltage ever used in Canada, 110,000 volts. Twelve transformers for operation at 220,000 volts were supplied by the Canadian General Electric Co., Ltd. Nine of these will step the generator voltage up from 6600 to 220,000 volts, and the remaining three will be used to supply power to the 110,000-volt transmission system.

# What We're Thinking About

## Making New Jobs

THERE was a time, a good many years ago, when the introduction of every new kind of labor-saving device was the signal for a near-riot. The first harvester and the first tractor were completely wrecked by angry mobs of farm hands, who feared the loss of their jobs through the introduction of these marvelous new machines. The earliest type-setting machines, likewise, were hated by the printers, who thought they heralded the end of their jobs.

But today there are still farm hands—and they are better off than they were a dozen years ago, just because of the marvelous farm machinery of this day. And today there are still printers—more of them, in fact, than there were before the days of linotype machines and all the other automatic printing equipment. A good many printers worked on this very magazine before it reached your hands.

And so it goes. The early alarmists, who thought every labor-saving device would put men out of work, have been disproved time and again. Every labor-saving device, though it makes some readjustment necessary, *creates new jobs*. And it tends to create *better* jobs, because the drudgery can be left to the machine. The past ten years have been the greatest years the world has ever known for the introduction of labor-saving devices—and according to the alarmists there should be fewer jobs than ever before. But here is a partial list of the new jobs which have come into being during the past ten years: 760,000, driving and servicing automobiles; 100,000, working for life insurance companies; 100,000, servicing refrigerators, oil heaters, and the like; 100,000, household building and equipping and managing; 232,000, teaching in the schools; 125,000, distributing motion picture films; 50,000, working for telephone companies; 170,000, working in barber shops and beauty parlors; 525,000, working in hotels, restaurants, etc.

In other words, 2,162,000 new jobs have been created *in just these nine lines of work*, in the past 10 years.

It has, likewise, been estimated that over a million jobs have been made by electricity alone—jobs having to do with autos, movies, radios, telephones and telegraph, trolleys, subways, and so on. All these have been brought on by the harnessing of electricity to man's needs. Yet there are those who say labor-saving devices throw men out of work.

## Edison Night

*An international hook-up of 60 broadcasting stations will broadcast tomorrow night the annual Edison Night ceremonies, held each year on October 21st in recognition of the genius of Thomas A. Edison. During the ceremonies a medal from the United States Government will be presented to Mr. Edison. President Coolidge, and Andrew Mellon, secretary of the treasury, will take part in the program. Another interesting feature of the program will be the return of the first phonograph, which has rested in the South Kensington Museum in London for 39 years and which will be formally returned to Mr. Edison tomorrow night. The hook-up will be furnished, as in past years, by our Company. Arrangements have been made to have the program rebroadcast in Great Britain by the British Broadcasting Company, and also by stations in Mexico, Argentina, and Australia. The program begins at 9 o'clock, eastern standard time.*

HAVE WE ANY EXTRA FUSES, ALGERNON?

## Standardized

LIKE women's clothes, electricity can be made in many sizes and styles. There is a-c. current and d-c. current. There are thousands of combinations of voltage, amperage and frequency. And if odd or unusual combinations were considered as ultra-modern in electricity as they are in women's fashions, then the city of London would be one of the most advanced cities in the world.

In London there are 60 different power and light companies, producing 39 different kinds of power. Unfortunately this retards rather than advances progress. Imagine the distress of an English housewife when she discovers, on moving into a new district, that she will have to buy a whole new set of electrical appliances! Or imagine the loss to a manufacturer who must dump his motors and electrical equipment onto the second-hand market if he moves to better quarters.

We in America, though there are still a few exceptions, have standardized on 110-volt, 60-cycle current. We can use the same electric light bulbs, washing machines, irons, refrigerators, toasters, almost everywhere. And we can nearly always be sure that wherever we go, we can find current to fit them.

Then, should a storm cripple one local system, we seldom know about it for long. For, with the same voltage, amperage and frequency on nearby systems, it is an easy matter to interconnect.

General Electric has steadily advocated standardization.

# At War With Bugland

THERE are a good many uses for electricity. It lights our homes and runs our machinery and bakes our bread and does a thousand and one of the jobs which were formerly done by hand. Now comes a new and unexpected use for it. It has been pressed into service in man's war against the insect kingdom. Worms, moths, beetles of various kinds—they're all being fought with the help of electricity and G-E electrical equipment.

### The Tomato Worm Menace

There's an enterprising farmer down in Alabama who devised one of the most effective schemes. He's a truck farmer, who makes quite a business of supplying local markets with vegetables out of season. In 1926, for instance, he produced approximately nineteen tons of tomatoes from a single acre. But the trouble was that at least a third of all these tomatoes were made unfit for market by the tomato fruit worm, which in its adult form is a moth.

No farmer wants to lose a third of his crop. So, with the Alabama Power Co. and an agricultural specialist, he devised a system for putting a stop to it. It was simple. All he did was to install a lighting system in his tomato patch, and under each light hang a small flat pan filled with water and kerosene. He figured that the adult moths would crash into the lights, and then fall into the kerosene and be killed by a combination of drowning and asphyxiation. Being dead, they would lay no more eggs and there would be no more worms.

Evidently this farmer had things figured out right, because in the following season he found only 17 tomatoes which had been infested with worms. And this in a year when nearby farmers were losing about 50 per cent.

### Succoring the Cantaloupe

The scheme was so successful that the farmer decided to extend it to his nearby cantaloupe patch. An insect called the Pickle beetle, it seems, has a weakness for the succulent cantaloupe which amounts almost to a passion. In a cantaloupe patch the Pickle beetle simply loses all self-control. So he put up more Mazda lamps and reflectors, and more kerosene pans, and he found that his extended light-and-kerosene system worked quite as well for cantaloupes as it did for tomatoes.

### Raising Lady Bugs

While this experiment was taking place, someone else in far-away California was using electricity in a quite different way in the war against insect pests. The problem out there was to save the California grape from the ravages of the so-called Mealy bug. This bug has an unpleasant habit of depositing a fluid substance on the tender shoots of the grape vine, which causes mildew and a discoloration of the grapes, besides furnishing food for fungus growth. Obviously the raisins, grape-juice, and what-not which were produced from these grapes were of an inferior kind.

Then someone discovered that another bug called the Beetle bug, better known to most of us as the Lady bug, has an insatiable appetite for the destructive Mealy bugs—will thrive, in fact, upon nothing else. This was a happy coincidence, for the grape-growers reasoned that if the harmless Lady bugs were planted on the grape vines they would eat up all their harmful cousins and thus save the crop.

So it was decided to raise a lot of Lady bugs; and this is the way they do it: A great many potatoes are planted in small trays in a room which is kept dark and held at a temperature of 65 deg. F. Mealy bugs are then planted on the long, spongy potato sprouts and the temperature is raised to 80 deg. F., since the Mealy bugs increase and multiply very rapidly at this temperature. Then, after they have developed, Lady bugs are placed on the sprouts to eat the Mealy bugs and grow fat.

When, like cattle in a stock yard, the Lady bugs have been properly fattened, light is admitted to the dark room through windows. The Lady bugs, seeking light, collect on the windows. They are then scraped off and taken out into the vineyards, where about a dozen are placed on each vine. G-E heating elements are used to keep the incubating room at exactly the proper temperature all the time.

### In Refrigerator Cars

Electric heat is also being used in another way to eliminate certain low forms of animal life. The railroads have long been bothered by bugs and molds which infest the refrigerator cars used in bringing fruit to market. But a solution has been found, and from now on these various bugs will have to wear gas masks if they want to survive.

The solution is simple. A gas, sulphur dioxide, is released in the car. This permeates the skin of the fruit and within twenty minutes kills all the larvae, bugs, and mold which would ordinarily damage the shipment. This gas is carried in liquid form in cylinders. It is turned from liquid into a gas by immersion in a special hot water container kept at exactly the right temperature by G-E heating units.

### Furniture, Too

But bugs are destructive to other things besides fruit. Moths are among the worst enemies of furniture upholstery, for instance. And it has always been hard to stop the damage they inflict because, once inside the upholstery, they are in what to them is a green pasture. You just can't pry them loose.

The female moth miller deposits eggs in the upholstery of a davenport or chair and if the busy housewife fails to brush thoroughly this particular spot for a day or so, the tiny larvae will hatch and immediately burrow into the fabric. They then begin to devour the costly material and cut away the nap from underneath.

To combat these pests, a furniture firm has built what it calls a Moth-atorium, a tightly enclosed booth equipped with G-E electric heating units for supplying heat to destroy the larvae and eggs. After a few minutes in this miniature inferno, the healthiest larvae are forced to give up the ghost. Then, after they have been executed, the furniture is sprayed with a substance which makes the fabric inedible to any future larvae who may happen to wander that way.

### Fish Must Eat

Now comes the latest, and by far the most spectacular, adaptation of electricity to the job of killing bugs. In Fort Wayne, Ind., the Izaak Walton League co-operates with the city park board in using the lagoons of Lakeside Park as a fish hatchery. The lagoons are therefore fairly swarming with fish of many kinds and sizes. Now fish must be fed, and if given any choice of diet they prefer insects. Also a fish hatchery, with its concentrated population, needs an extra abundance of insects if all the finny fellows are to have that sleek and well-fed look which is so desirable.

In casting about for a way to supply the necessary quantities of bugs, millers, flies and beetles, the Izaak Walton League hit on a brilliant idea. It installed a number of General Electric floodlights of various hues around one of the lagoons.

Some might think that enough had been done for the fish when the lights were installed. Plenty of bugs would circle the lights until tired, and then drop into the lake or even directly into the gaping jaws of the waiting fish. Many might also fly low enough so that the more lively fish could get in their daily dozens by jumping after them.

But no. "Our fish must not exert themselves," declared officials of the Izaak Walton League. "Their meals must be served to them in style." Hence the installation of sprays around the lights, not to wash off the bugs but to wash them into the lake. And the sprays serve another purpose also, for they aerate the water—to say nothing of the fact that they enhance the beauty of the place.

## Pension Plan Amended

At a recent meeting of the Pension Board an amendment to the Pension Plan was adopted, as follows: "Any employee who has reached the age of 65 and has been 20 or more years continuously in the service, and who has become permanently incapacitated for further work, shall be retired and shall receive a pension. The fact of such disability shall be established by a physician selected by the Pension Board."

ASK MIKE, HE KNOWS

Two eyes are better than one. Michael Sheedy, Lynn Works, knows this and wears safety goggles furnished by the Company for his protection. Thus he now has two good eyes where he might have had but one, had he not worn his goggles while working on the wood hog, Bldg. 77-E, when a nail flew from a piece of wood. The latest type of goggles, like these worn in the picture, are comfortable and provide protection which we cannot afford to be without. If you want to be convinced of the wisdom of wearing your goggles, talk to Mike.

# Give Your Arteries A Chance!

## *A Little Attention to Your Health Will Save You from Mr. Hi Pressure's Fate*

By H. W. Garton, M.D.

A RECENT news item stated that Mr. Hi Pressure, a leading citizen, had been struck suddenly by an attack of acute indigestion, had suffered a complete *nervous breakdown* and had been shipped off to the Restawhile Sanatorium for a complete rest. Friends, neighbors and townspeople were aghast at the news, for Hi had grown up in their midst as hard as nails, physically. He was the mainstay in high school athletics, and went out for everything in college.

After graduation it was of course necessary to feed the family and Hi believed in being a good provider, as he was something of a food lover himself. He plunged into his business as he had plunged on the football field, and of course since he had been such an athlete in his youth, he could forget that side of it now and devote all his time to business. In fact, he depended on his physical prowess to drive him through long hours of work.

People wondered how he stood it, and remarked that it was too bad he was losing his fine figure and becoming rather stout. But then, Hi was a success socially and financially, and one can't be everything.

Now, at forty-five, to have his career thus cut short seemed scarcely possible. The newspapers said it was a nervous breakdown. But the doctors thought otherwise. They gave him a good thorough once-over, and arrived at a different conclusion. They found his waist line larger than his chest measure by several inches; that he tipped the scales at about fifty per cent higher than he should (neighbors thought a portly figure was necessary to a Big Business Man); they found Hi's arteries a little hardened and his blood pressure well above normal; the kidneys showed some evidence of the strain also, and the heart was remonstrating against carrying such a burden.

In short, they found that all of Hi's normal processes (heart action, blood pressure, kidney function) had been forced to seek higher levels in order to carry him on at top speed. And because he had neglected exercise and recreation, the tension eventually became too great and Hi snapped like a taut violin string.

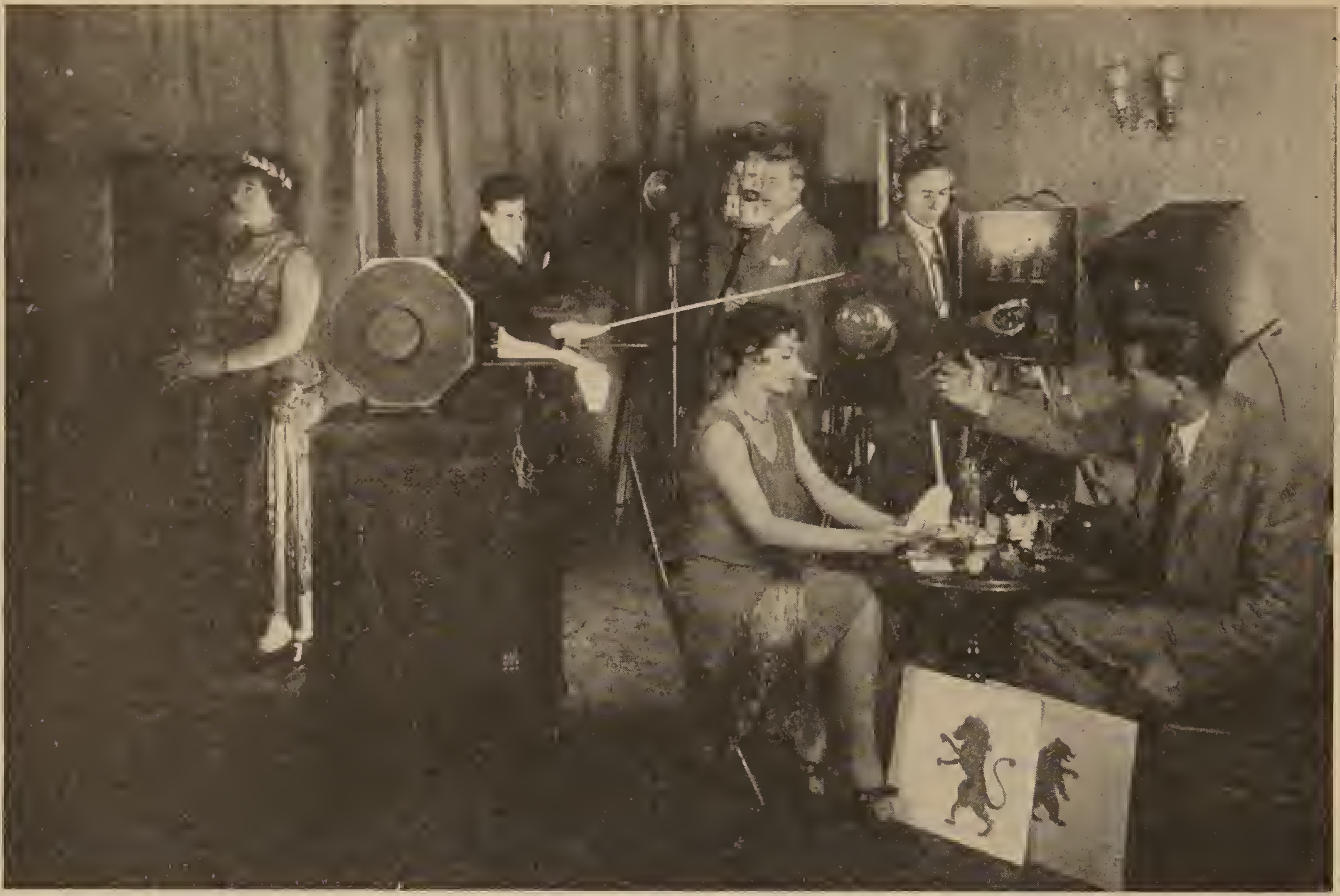
Of course, his first question, when he could ask any at all, was how long before he could get back to business, and what kind of medicine he would have to take. He could hardly believe it when they told him medicine would play a small part in his case; that it was a matter of long physical and mental rest, restricted diet, and a drastic cutting down on business affairs. Well, Hi submitted reluctantly, and now the thing he wants most is to get well enough so he can take out some more life insurance.

If this were a fable, written by Aesop 2600 years ago, it would probably wind up now with a one-line moral. Not being a fable, but a twentieth century newspaper story of almost daily occurrence, the moral can hardly be jammed into a single line. The general public is being so heavily bombarded with health propaganda, good and bad, by newspaper advertising, circulars, physical culture magazines, and other what-nots, that the public mind is enveloped in a fog of uncertainty and doubt on the whole question. Through all this propaganda, people have been taught to rely on and expect too much from medicines. It has not been driven home to them that there are a few fundamental things that everyone should know about himself or about things pertaining to his well-being. He should have a practical knowledge of sleep, rest, food, exercise and recreation. In other words, he should know something of the physiology (normal functions) of his body. I do not mean that he should measure his calories before every meal. But he should know about the different types of foods so that he can tell a balanced diet from an unbalanced one. He should know about proper body mechanics, also know about exercise, and rest.

There are many "high pressure boys" like this one, who build up their physical condition in young adult life and expect to coast along on this reserve for the rest of their days. Many are so healthy and so physically fit that they are careless about themselves.

If there is a moral to the story of Hi, it is that there is such a thing as *positive health*—that is, health resulting from observing those simple rules of right living which produce it. It is not simple to reduce the formula for health to a simple equation, but I think the following almost fills the bill:

"*A working knowledge of the normal body functions* (*physiology*) *plus a knowledge of what diseases* CAN *be prevented and how, plus a periodic survey of the old health machine by the family physician* EQUAL *a good start in the general direction of* POSITIVE HEALTH.



Scene in WGY Studio During the Television Play

# And Now the Television Drama!

A DARKENED room—radio feature writers, reporters from metropolitan dailies and magazine editors are sitting on the front edges of their chairs—and in front of them a number of devices something like ordinary radio receivers but containing three-inch squares of glass through which shine pinkish lights. It is an afternoon in the middle of September—and radio history is again being written by General Electric's eastern broadcasting station, WGY.

The famous developmental broadcasting station—which pioneered in broadcasting radio drama, in using high power, in the use of short waves, and in introducing so many other important new developments—is about to set still another record. The first actual drama by television, a 40-minute program in which a play written thirty years before will be presented exactly as written, is about to start. It is to be both seen and heard.

On the screen appears the well-known G-E monogram, and the announcer introduces J. Hartley Manners' "The Queen's Messenger," as the first drama ever to be sent in entirety over the air.

Nine months ago Dr. E. F. W. Alexanderson, consulting engineer of the General Electric Company and chief consulting engineer of the Radio Corporation of America, exhibited a simplified television receiver. Television was then, for the first time, taken out of the laboratory and shown in the home. Voice and picture were simultaneously broadcast by WGY on different wavelengths, and observers stationed three to five miles from the transmitters saw and heard the performers.

The presentation of this drama by television was made possible by further developments by Dr. Alexanderson, the simplification of the transmitting apparatus to a convenient and portable form. The transmitter may now be carried from place to place as easily as modern broadcasting equipment is transported, and it was indicated that the time will come when the television transmitter or camera will be set up in the radio studio, on the lecture platform, the stage, or in the banquet hall.

The transmitting equipment for television consists of three main parts: a revolving disk containing 24 holes, a powerful light, and photoelectric tubes with amplifiers. The person to be "televised" sits before the revolving disk. The light, placed behind the revolving disk, shines through its holes so that the person is "split up" into alternate bands of light and shadow. The photoelectric cells then register the differences in intensity of these bands of light, translating them into electrical impulses of varying strength. At the receiving end these electrical impulses are, by a somewhat similar process, re-translated into the complete picture again.

In the presentation of "The Queen's Messenger," three cameras were used—one for each of the two characters in the drama and a third for the introduction of "props" and other visual effects.

The actual adaptation of the television apparatus to the play was made by Mortimer Stewart, whose problem was one of considerable difficulty. He had to develop an entirely new dramatic technique, working with apparatus which is still crude in many ways. For example, at the present time, only the heads of the actors can be shown, and the image in the television receiver is the red of the neon lamp.

During the "performance" the director stood between the two "character" cameras, governing the radio output by means of a small control box with two knobs. With one of these he brought any one of the cameras into the circuit, depending upon which character was speaking. The second knob enabled him to fade the images in and out, much as the fade-out is used in the movies. In front of him stood a television receiver in which the "performance," as it looked to anyone receiving, could be seen. In addition to the cameras there was a microphone for each actor, used to broadcast the voice and dialogue.

Since only the heads of the actors could be transmitted, it was necessary for the director to find ways other than head movements and changes of expression, to convey action. This was done by using the third transmitter for hands and "props." For example, when the leading lady of the play offered to pour some wine for the messenger, the third camera picked up the image of her hands with bottle and glass, as she poured the wine. Keys, a ring, a revolver, and many other "props" were thus introduced to add realism to the performance and to break the monotony of head images only.

There were also special problems in make-up made necessary by the red color of the received image. This make-up was unlike that of either stage or screen. The eyes of the actors were accentuated to a point of exaggeration, and the mouth and nostrils were sharply defined with strong color. The skin was softly shaded and blended to remove the shiny effect. It was found that diamonds or other bright stones could not be used on the hands, for they catch the light and produce a disturbing glare. Bright surfaces, such as polished glass, also destroy the sharpness of the image.

Following the play, Dr. Alexanderson also showed the group of newspaper and magazine writers the recent television developments of his laboratory, including apparatus which will project a 12-inch image on a screen ten feet from the projector. This apparatus, which was featured at the Radio World's Fair at Madison Square Garden, New York, the following week, permits the transmission of the full figures of two performers, instead of the head alone.

So television forges ahead. First, the simple fact of television; then the television drama, complete with voice and moving image; latest, the greatly improved television with a 12-inch image cast on a screen. This latter has not yet been put into actual use; but doubtless will be quite soon. What will come next. It is an interesting subject on which to speculate. Only our laboratories can tell us.

Dr. Alexanderson with the New 48-lens Projector

Mortimer Stewart, Director, with the Control Apparatus

## Safety Contest Active

THE August report of the interplant safety contest reveals that eight plants have made an improvement over their standing of the previous month. Erie dropped from sixth place in Division 1 to fourth place in Division 2. Just as startling is Bridegport's jump from second place in Division 2 to seventh in Division 1. York still maintains its lead with a clear record for the year.

The following is the standing of the plants at the end of August. An asterisk denotes improvement over the previous month.

| Division 1 | Division 2 |
|---|---|
| York | *Pittsfield |
| *West Lynn | *New Kensington |
| *Philadelphia | ALL PLANTS |
| Baltimore | *Erie |
| *Bloomfield | Oakland |
| Fort Wayne | River Works |
| *Bridgeport | *Schenectady |

## In the "G-E Review"

THE following articles in the October issue of the *General Electric Review* should be of interest to many G-E employees:

"Things We Don't Think Of," by H. M. Hobart; "Recent Applications of the Electric Micrometer," by A. V. Mershon; "Temperature and Brightness of the New Standard Type of Incandescent Lamp," by W. E. Forsythe, and E. M. Watson; "An Improvement in Single-phase Motor Design," by Neil Currie, Jr.; "Automatic Control for Mercury-arc Rectifiers," by H. T. Seeley; "Balancing of Rotors in Factory and at Installation," by S. H. Weaver; "Vacuum Tubes as Oscillation Generators: Part VI," by D. C. Prince and F. B. Vogdes,; "Industrial Electric Heating: Part VII," by N. R. Stansel.

## Carboloy

(*Continued from page 3*)

Another important property of a cutter is toughness, and the new material will withstand quite severe blows of a soft peen on the edge of a bar. A supporting block of copper shows marked indentations as a result of the blows on the edge of the material, but the edge does not crumble. The strength and toughness of the material are further shown by its ability to take intermittent cuts on metals.

The tungsten carbide material does not pit or tarnish, and is dissolved in acids only with great difficulty. The moderate temperatures involved in cutting metals at the speeds generally used have not been observed to be harmful; but, if the speed is raised too high and the abrasion is severe, small particles of carbide may oxidize and shoot off from the edge as sparks. Ordinarily the temperatures involved simply produce temper colors, as they do with high-speed steel.

The material retains its strength and hardness at elevated temperatures to a remarkable degree. Tools have been observed cutting nickel steel when the point of the tool was at a bright red heat, without showing any ill effects. The material has no "temper" to be "drawn" by the heat generated, and it is actually much harder than the materials machined, even at elevated temperatures. Steel tools, on the other hand, are frequently softer than the machined materials.

## The Coffin Railway Award

HOW an electric street railway company in Virginia turned its patrons from hostile critics into friends, increased its earnings, and raised wages, was revealed recently when the Charles A. Coffin gold medal was awarded to the Virginia Electric and Power Co. The award was made during the annual convention of the American Electric Railway Association, by R. P. Stevens, its president. It was received in behalf of the railway by its president, William E. Wood.

In addition to the medal, a check for $1000 was given, to be placed in the treasury of the employees' benefit association.

During the summer of 1925, the people of Richmond, Norfolk, Portsmouth and Peterboro, the principal communities served by the Virginia Electric and Power Co., were extremely bitter toward the company. Its physical property was deteriorating. Service was far from the best. Renewals of franchises could not be obtained. On every hand criticism was met.

Then there came a change of attitude on the part of the company. It started in to build up public confidence on a firm basis, by giving good service. It began by modernizing its rolling stock and providing new track facilities. To this first step the public responded.

An intensive plan of employee training was then undertaken. Many methods of giving better service were adopted, the safety of both employees and public being given special attention. In 1927 the number of riders had jumped to 102 million, compared with 98 million in 1926 and even fewer in 1925.

Operating costs were considerably reduced, through increased efficiency, in spite of the fact that mileage was increased a good deal. Gross earnings of the company, also, were increased.

As public friendliness became more general, millions of dollars in stock was sold to customers in various offerings. The time finally came, during the past year, when there was no controversy, and no litigation, with any community.

This is the sixth year in which the Coffin medal and cash award have been presented, under the terms of the Charles A. Coffin Foundation, which was established in 1922 as a perpetual memorial to its founder and first president. Awards are also made each year to an electric light and power company, to graduates of technical colleges, and to employees of the G-E Company.

## Safety in Your Garage

By G. E. Sanford

THE year is gradually getting along to the point where we read occasionally that someone has been overcome by fumes while running the engine of his automobile in the garage. Often such occurrences result in death.

An automobile owner, after he has been repairing his car, usually starts the engine to see that it is running correctly. As the home garage is generally unheated, this is sometimes done with the doors closed in cold weather.

The exhaust gases from a gasoline engine contain a very poisonous gas known as carbon monoxide, which is colorless, odorless and tasteless. Tests made by the U. S. Bureau of Mines have shown that a man will collapse within an hour if there is as little as 1/5th of one per cent of the gas in the atmosphere. And as little as 1/20th of one per cent will cause a headache. Also, a man at work will be overcome quicker than one at rest. The symptoms come without warning.

When gasoline is supplied to the engine in excess of its requirements, an excess of carbon monoxide is produced in the exhaust. The most efficient carbureter adjustment is safest.

But even with good carburetor adjustment, a four-cylinder engine running at 800 revolutions a minute will generate nearly three cubic feet of carbon monoxide a minute. With poor adjustment, it will develop as much as 10 cubic feet of the deadly gas every minute.

An average private garage will probably contain about 3600 cubic feet of atmosphere. Consequently the car will generate 1/5th of one per cent of carbon monoxide (the danger limit) in less than three minutes, with the garage closed.

Whenever it is desired to run the engine in the garage, the doors should be opened wide, and unless the rear of the car is pointed out a window should also be opened.

# GIRLS' SECTION

## Elex Club Enjoys Annual Banquet

Elex Club Girls at Pleasant View Cottage

ONE hundred and thirty Elex Club members and a number of guests gathered in Bldg. 16-2 at 6:00 o'clock September 26th, for the fourteenth annual Elex rally. Much jollity, singing and club yells accompanied the serving of the dinner. Bouquets of white asters and yellow rosebuds arranged alternately with tall yellow tapers decorated the three long tables.

An interesting program followed the dinner. Lenora Schoppman acted as toastmaster and gave an address of welcome, which was followed by a talk by Mrs. W. Page Yarnelle. The theme of Mrs. Yarnelle's talk was, "How the Y.W.C.A. can help us have a definite aim in life." Various annual reports were read, including a report of last year's banquet by Mae Wolfcale; the treasurer's report by Alma Olson; the social committee's report presented by Marie Blough; the service committee's report by Tressie Singrey, and the membership committee's report by Esther Moll. Mae Wolcale and Louise Hilger, Elex delegates to the Summer Conference of Industrial Clubs at Camp Gray, gave very interesting accounts of the trip. Short talks were given by Mrs. F. H. Reeves, Mr. Barnes, Mr. Matson. Mrs. Walter Kent and Mr Hockett. Mary Evelyn Martin presented two piano selections.

The Elex membership drive conducted during the past month resulted in a membership of 282. Thirty-four girls had been selected to solicit in this campaign and a prize was offered to the girl securing the largest number of members. Irene Meyers, personnel worker in the Meter Dept., won this prize by signing up sixty members. The prize, a jar of vari-colored bath salts, was presented to Irene at the banquet.

ELEX CLUB OFFICERS FOR YEAR 1928-29

*Left to right:* Lenora Schoppman, vice president; Jo Magers, secretary; Hilda Walda, president; Irene Meyers, council representative; Audrey Ries, treasurer.

In the election of officers held following the dinner, Hilda Walda, Bldg. 4-1, was elected president; Lenora Schoppman, Bldg. 19-5, vice president; Josephine Magers, Bldg. 19-4, secretary; Audrey Ries, Bldg. 4-5, treasurer, and Irene Myers, Bldg. 19-4, representative to council. Installation of the new officers concluded the evening's entertainment.

Mr. and Mrs. E. A. Barnes, Mr. and Mrs. C. H. Matson, Mr. and Mrs. W. J. Hockett, Mrs. F. H. Reeves, Mrs. Walter Kent, Mrs. W. Page Yarnelle and Miss Mary Evelyn Martin were guests of the club.

## Elex Outing at Pleasant View

ON September 15th, approximately 35 Elex Club girls and some G-E girls who were not Elex members, as an invitation had been extended to all G-E girls to attend the outing, boarded G-E trucks and went out to Pleasant View cottage for an afternoon of fun. The day was mild and warm and the cottage, located along the St. Joe river, made an ideal place for a good time. After arriving at the cottage some girls went for a hike, some laid aside their shoes and stockings and indulged in the favorite childhood sport of wading; then there were games for all and some very good snapshots were taken.

In the evening a big bonfire was built. Weiners, toasted over the glowing coals, with other food in abundance, rounded out a meal that would satisfy the most ravenous appetite. The girls lingered around the fire for a few stories and songs and then returned to the city via truck.

## A Week-end Well Spent

A CONGENIAL group of girls from various offices of the Broadway plant drove to the Vail cottage at Lake Gage on September 29th to spend the week-end. Immediately after arriving at the cottage the girls gathered wood for the steak and potato roast which they enjoyed on the beach under a beautiful full moon. Later in the evening the party attended the dance at Crooked Lake and had a very fine time.

AT LAKE GAGE

*Left to right:* **Cecile Meyers, Irene Stier, Mabel Liggett, Lela Meyers, Hilda Hoeltje, Esther Hoeltje, Clara Ankenbruck and LaVera Vail.**

Sunday morning's events included a trip to the Hoosier Hills Tower from where they could see many of the 110 lakes of Steuben county, a stop at Tri-State College in Angola, and a drive around Lake Gage. The trees surrounding the lake reflecting their early fall coloring on the placid water made a picture long to be remembered. It was indeed a perfect day for an outing.

In the afternoon the sun was still shining bright and warm so the girls went for a boat ride and then took a dip in the lake. Even the turtles were so astonished at the audacity of the girls going in bathing that they came out and sat on a stump to watch the proceedings.

The party came back to Fort Wayne on Sunday evening, all agreeing that the week-end had been highly successful. The girls have a Kodak record of their trip, at least all of it except the incident when one group of the girls found their car out of gas when they were only about half way home. As the other car was on ahead, the marooned party found it necessary to hail a passing motorist who kindly helped them out. But the girls agreed that even this was the occasion for lots of fun.

LaVera Vail, Clara Ankenbruck, Irene Stier, Hilda Hoeltje, Cecile Meyers and Mabel Liggett from the General Electric and Esther Hoeltje and Lela Meyers, sisters of Hilda Hoeltje and Cecile Meyers, respectively, made up the happy party.

## Transformer Dept. Bride Is Showered

MRS. Theresa Thomas and Mrs. Marie Saaf united in entertaining with a party of lovely appointments at the home of Mrs. Saaf on Parnell Ave., August 30th, honoring Roxie Liddy, a Transformer Dept. bride of September. The guests formed three tables at which "Hearts" was played, the prizes being awarded to Roxie Liddy and Mrs. Agnes Sovine, who in turn presented her prize to the honor guest. Miss Liddy was also the recipient of a lovely gift from the hostesses besides a shower of gifts from the guests. Later in the evening a lunch was served at small tables, which were decorated with crystal bud vases containing tea roses. The table of the bride-to-be was decorated with sunflowers whose leaves folded over a miniature statue of "Bride and Groom." Dainty favors marked each place. During the evening, music was furnished by a three-piece orchestra. Covers were laid for Bessie Chapman, Juanita Hamilton, Erma Linder, Grace Chaney, Justine Liddy, Lois Ray Poll, Agnes Sovine, Vera Harrison, Irma Zion, Nora Coburn, Ann Bishop, Gertrude Snider, Vera Lair, the honor guest and hostesses.

Another shower in honor of Miss Liddy was given by Mrs. Gertrude Snider, and Grace Chaney, Erma Linder and Vera Harrison as the hostesses, on September 4th. This party was held at the home of Mrs. Snider, 3210 Abbott Street. Progressive games were played, prizes being awarded for both high and low score. At the close of the games the honor guest was presented many pieces of pink glassware and some beautiful linen. Luncheon was served at the small tables, in the center of which were bouquets of pink and white gladioli.

Present were: Bessie Chapman, Grace Chaney, Vera Lair, Nora Coburn, Erma Linder, Agnes Sovine, Vera Harrison, Marie Saaf, Theresa Thomas, Ann Bishop, Irma Zion, Gertrude Snider and the honor guest.

After Miss Liddy's wedding, Mrs. Agnes Sovine entertained in her honor at her home on the Maysville road. The guests played bunco during the evening. Prizes were won by Mrs. Nora Coburn and Gertrude Snider, who in turn presented them to the honor guest. Garden flowers were used in the living room and in the appointments for the luncheon which was served at the small tables at the close of the games. Pink and white predominated in the decorations. Those present were: Erma Linder, Bessie Chapman, Clarissa Coburn, Grace Chaney, Juanita Hamilton, Ann Bishop, Theresa Thomas, Irma Zion, Nora Coburn, Marie Saaf, Vera Harrison and the honor guest, Mrs. Rolland Etzler.

## Weddings

### Etzler-Liddy

September 10th, Roxie Liddy, Transformer Dept., Bldg. 26-2, and J. Rolland Etzler were united in marriage by the Rev. Walter Klausing at the Concordia Lutheran Church. Justine Liddy, sister of the bride, and Herbert Etzler, brother of the groom, attended the couple. Immediately after the ceremony, Mr. and Mrs. Etzler left on a short motor trip. They are now at home to their many friends at 2120 Pleasant Ave.

### Greenan-Rock

Emma Rock and Harry Greenan were married September 11th, at the Church of St. Augustine in Napoleon, Ohio, with the Rev. Frank. E. Schmuck, a cousin of the bride, officiating at the nuptial high mass. Mrs. Mayme Luley and John Martin were the attendants of the couple. After a wedding breakfast served at the church rectory the couple left on a wedding trip but kept their destination a secret. On their return

Dinner in Honor of A. W. Bailey of Shipping and Billing Section

they will reside in a newly furnished apartment in Beverely Manor, Toledo, Ohio.

For twelve years Mrs. Greenan had been connected with our Company. She was first employed at the Edison Lamp Works, but in 1924 she was transferred to our Broadway Plant and has worked here in both the Transformer and Small Motor Depts.

### Kintz-Freehill

On September 25th, Irene Freehill, Meter Dept., Bldg. 26-4, became the bride of Lawrence Kintz. The wedding occurred at the St. Joseph's Catholic Church with the Rev. Robert Halpin officiating. Miss Aquanita Kintz, sister of the groom, and Clarence Freehill, brother of the bride, were the attendants. After the ceremony a wedding dinner was served at the home of the bride's parents, Mr. and Mrs. Michael B. Freehill, of Indian Village. The young people will make their home in this city, Mr. Kintz being associated with the Kintz Grocery Co. of Fort Wayne.

### Jordan-Bailey

Wilda Bailey, Meter Dept., Bldg. 19-5, and Cletis Jordan were married on September 22nd. The marriage took place in the parsonage of the United Brethren Church with Rev. Overmeyer officiating. Mr. and Mrs. C. Williamson were the attendants. After the ceremony a wedding supper was served at the Williamson home, 406 W. Jefferson St.

### Kroemer-Krauhs

The marriage of Louis Krauhs, Service Bureau, Bldg. 18-2, and Ralph C. Kroemer, took place on September 26th, at the Emmaus Lutheran Church. The service was read by the Rev. Fred Wambsganss. Loretta Krauhs attended her sister as bridesmaid and August Katt served as best man. Following the ceremony a wedding dinner was served at the home of the bride's mother, Mrs. Sophie F. Krauhs, 2724 So. Wayne Ave., and in the evening a reception was held. Later, Mr. and Mrs. Kroemer left on a wedding trip through the east and upon their return will reside on the Auburn road. For the past eight years Mrs. Kroemer has been employed in the offices of our Company. Mr. Kroemer is connected with the Western Gas Construction Co.

## Bailey, Billing Dept., Is Honored by Banquet

ON September 6th the Billing and Shipping Depts. entertained with a banquet in honor of Alfred Bailey, who recently was transferred to Schenectady. Gerald Becker a close associate of Mr. Bailey acted as toastmaster, and called on a number of those present to tell all the good and bad they knew about the honor guest. Mr. Bailey, who happens to hail from our neighboring town of Ossian, has been in the employ of our Company for the past three years. At the close of the banquet he was presented a pen and pencil, as a token of remembrance from his fellow employees.

Those present were:

F. Gerhart, H. Grueb, C. Tompkins, K. Bergman, A. M. Underhill, H. Ebel, H. Brueggeman, A. Kruse, C. Burke, C. L. Saurbaugh, P. Vogt, L. Boltz, J. C. Grosjean, L. Winkelman, G. Becker, The Honor guest, A. Bailey; D. Parquett, A. Sommer, M. Koehn, S. Harris, A. Manz, O. Swinford, J. Hall, R. Bergman, M. Rogers, M. Huege, R Faulkner, Marjorie Jenkins, C. Sherbondy, Z. Rosenthal, E. Wolf, M. Henninger, E. Puff, T. Banks, C. Kaliker, E. Mendel, Fred Deal, C. Clover, C. Buchanan, S. Ramel, A. Weigman and F. Wilson.

## Absent Employees

Trule Nelson, Apparatus Dept., Bldg. 19-3, whose home is at 2412 Smith St., has been sick and unable to be at work for several weeks. He reports that he is feeling better and there is hope that he may be able to return to work soon.

Maurice Sordelet, Machine Dept., Bldg. 26-5, is confined to his home at 607 Lawton Place following an operation for appendicitis. The last report is that he is feeling fine.

Lola Cook, Meter Dept., Bldg. 19-4, is a patient at the St. Joseph hospital convalescing from an attack of typhoid fever and an operation for appendicitis. For a time her condition was serious, but now she seems well on the road to recovery.

Mae Mercer, Small Motor Dept., Bldg. 17-2, recently underwent an operation at the St. Joseph hospital. She is getting along fine and probably will be leaving the hospital soon. She resides at 519 Riverside Drive.

Emma Wyss, Small Motor Dept., Bldg. 4-1, is at her home, 601 St. Martins Street, suffering from rheumatism. Reports are that she is improving and we hope she soon will be able to return.

William Jordon, Sheet Metal Dept., Bldg. 20-1, is at his home at 1322 N. Anthony Blvd. convalescing from two very serious operations.

Beatrice Robbins, Meter Dept., Bldg. 19-5, is now at her home 4210 Forest Hill recovering from a recent operation. It should not be long until she returns.

Quarter Century Club Members at Webster Lake Outing, Sept. 8th

# Snapped at the Firemen—Band Picnic

Zimmerman Hits a Home Run

Talking Things Over in the Shade

The Committee in Charge: Ben Kline and Ed Miller

*Guests, Standing:* Dr. Garton, William Hockett, F. G. Duryee, Robt. Wylie, Bob Gaskill, Will Melching, Ray Hoffman, Max Holz, Chief Stahlhut, Walter Goll, Chief Stoll and Arnold Spiegel. *Sitting:* C. R. Olson, J. W. Crise, E. E. Miles, Wm. Wehrs, Jacob Bill, P. C. Morganthaler, E. A. Barnes, E. L. Locher

Sheriff Emrick and Chief Stahlhut Size Up the Crowd

Those Who Served the Dinner, *Standing:* Rudy Stocks, Harry Zimmerman, Paul Richter, Jim Sivits, Dee Hamilton. *Sitting:* Ben Kline, Ed Miller, Bob Ormiston, George Walker, Art Nickerson

The Crowd, 135 in All

## G-E Squares Re-elect T. F. Volkmer

AT the election held with the annual fall banquet, October 2nd, the G-E Squares re-elected the president, T. F. Volkmer, to serve for the succeeding half-year. C. H. Marihart, a student engineer, was chosen vice president, and L. Z. Gossman was named as secretary-treasurer. L. McGraw is the retiring vice president of the club and W. A. Pringle the former secretary-treasurer.

Eighty-five members were present at this meeting, this number including practically all of the 29 young men from colleges and universities who have begun the student engineer training here at our Plant since June.

Mr. Goll, who made the address of the evening, took as his subject "The Methods of Research and Development." He traced the steps in the development of new products from the discovery, in many instances, by the research laboratories, of basic scientific principles involved, through the work of the designing engineers and the rigid tests before such products were ready for commercial exploitation. He emphasized the great service to humanity of those concerns which were leaders in the development of new products and gave his hearers some idea of the great expense and labor involved. In closing he gave his audience an indication of the value the public places on leadership among the industrial concerns by showing from prices on the New York stock exchange that the average market value of stocks of a dozen of the leaders in the five years, 1922 to 1927, increased 329.6 per cent while the market value of a similar number of those conceded as in second place among the industrials during the same period increased only 137.2 per cent.

An event of interest at this meeting was the presentation of trophies to the winners of the Squares' golf tournament. Glenn Ashley was presented the cup as the winner in the handicap match while the prize for the low score in the contest was won by Mr. Marihart the newly elected vice president of the club.

## JUNIORS' PAGE

Dear G-E Juniors:

Now that October is here and most of the trees have put on their bright red, yellow and brown dresses and the pumpkins show as golden spots in the gardens and cornfields, I expect you are all planning Halloween parties, and drawing pictures of black cats, witches on broomsticks, Jack-o-lanterns and bats. So for our puzzle this month we have arranged a number of these in a single drawing. To solve this puzzle draw four straight lines so as to put each object in a pen by itself. We have had puzzles of this kind before so all of you should be able to work this one.

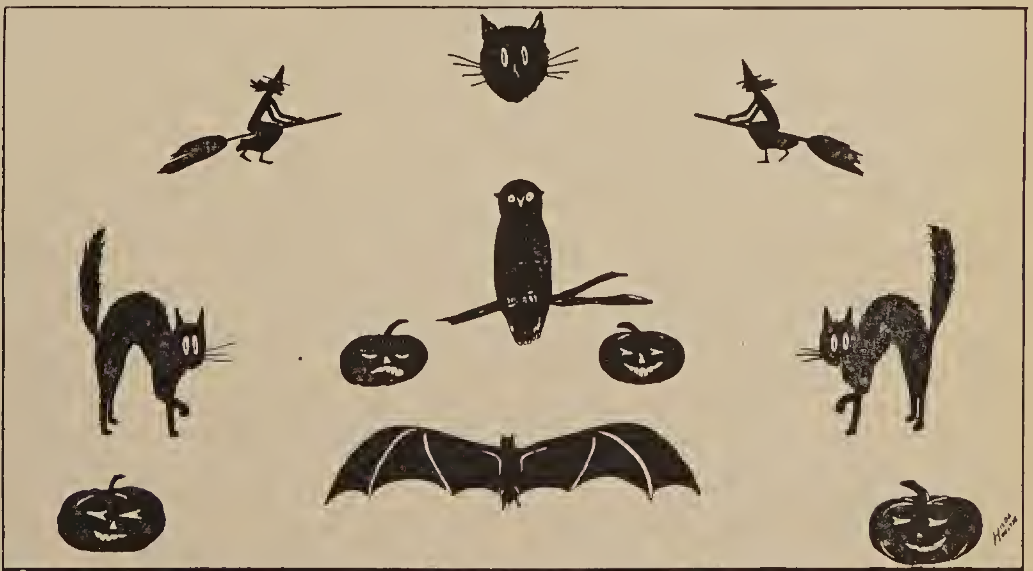
The correct names of the animals in the jumbled words puzzle in last month's G-E WORKS NEWS are: 1. bear, 2. buffalo, 3. antelope, 4. mountain sheep, 5. deer, 6. elk, 7. moose, 8. beaver, 9. woodchuck, 10. chipmunk. Most of you found the right names. The prizes were sent to Ruth Rose, Frances Emrick, Robert James Gebhart, Berniece Moore and Eileen Rose Mentzer from Fort Wayne, and Catherine and Sephus Jackson at Decatur.

I received such nice letters last time. Besides those who received prizes, we received replies from Don Black, Edmund M. Locher, Winifred Locher, Alice Mae Seibold, Gladys McSorley, Bonnie McSorley, Helen Liddy, Dorothy Gebhart, Helen Meyer, Elmar Devaux and Albert Devaux from Fort Wayne, and Elizabeth Fuhrman, Dorothy Miller and Kenneth Nyffeler from Decatur.

I visited the lovely flower show which the school children had at the Court House in Fort Wayne during September and what do you think. I saw the names of several of my G-E Juniors attached to baskets of beautiful flowers which were on display. Ruth Swank, Frank Elder, Jr., Alice Mae Seibold and Margot Loeschner all had baskets of flowers at the flower show, and no doubt some of the rest of you had bouquets or plants on exhibition. I was very much delighted to note that our G-E Juniors were so much interested in flowers for I like flowers very much and always plant seeds every spring. This summer I had a nice big bed of dahlias in my back yard.

Now I shall be looking forward to getting letters from all of you telling me what you are going to do on Halloween. That will be an interesting thing to write about—don't you think so? Suppose you tell me what you plan to do on Halloween night, when you send in your answer to this month's puzzle. Yours sincerely,

Jill



ONLY FOUR STRAIGHT LINES ARE NECESSARY TO PUT EACH OF THESE HALLOWEEN SYMBOLS IN A SEPARATE PEN ——— SEE IF YOU CAN DO IT.

APPARATUS TEAM, INDOOR BALL CHAMPS (PLAYED OUTDOORS)
*Standing:* Robert Meyer, Manager and 3rd b.; Anthony Delagrange, l f.; Leonard Harsch, s s.; Arthur Wellman, 2nd b.; *Sitting:* Walter Doenges, c.; John Rogers, c f.; Eugene Phipps, p.; Geo. Goings, l f.; Joe Weidemeier 1st b.

# G-E Athletics

## G-E Club Basketball Prospects Look Good

The prospects of the G-E Club putting a high class basketball team in the field again this year looks favorable. While the policy has not definitely been decided it is said that approximately the same plan will be followed as was in force last year. It is probable, however, that there will be a section of reserved seats.

Ray Lindemuth has been named manager of the club again this year, and his knowledge of the strength of the teams in this section, together with his past experience assures the club of another successful season.

Practically all of last year's players will be on hand. Wisner, has returned to De Pau University and Kowalcyzk has resumed his studies at Wisconsin. While it will be quite a task to fill the places of these men, quite a few prominent athletes and high school stars are now working here. Herbst, Ossian star, and one of the best forwards in the state, "Dutch" Kohlenberg, pitcher of the Fort Wayne baseball team and a good basketball player, and Artie Hoffman, also a baseball and basketball man, are working here. Slack, former high school star and quite a few other less prominent players who may develop into stars are expected to try out for the team.

## Ralph Perkins Made Interdepartment Director

Guy Plaisted, better known as "Tubby," who has served as interdepartment athletic director for several years, has found it necessary to submit his resignation, and Ralph Perkins has been appointed as his successor.

The job of interdepartment athletic director is a real task and the most we can say is that "Tubby" has done the job well. During his incumbency interdepartment athletics have been placed on a higher and more stable plane than ever before. He has given freely and untiringly of both his able ability and time.

Perkins, while practically a newcomer to G-E athletics, has been connected with athletics in the city Sunday School leagues for several years, and we feel sure he will be a worthy successor to Plaisted.

To Mr. Plaisted we wish to express our appreciation of the good work he has done and wish him the same success in all of his future undertakings. We feel that he leaves a big job well done. To Mr. Perkins we wish the best of success in his new undertaking.

## Bowling

### Meter Dept. League

| | Won | Lost | Pct. | Ave. |
|---|---|---|---|---|
| Pivots | 8 | 1 | .889 | 781 |
| Leads | 7 | 2 | .778 | 762 |
| Gears | 6 | 3 | .667 | 803 |
| Elements | 6 | 3 | .667 | 786 |
| Discs | 5 | 4 | .556 | 795 |
| Terminals | 5 | 4 | .556 | 769 |
| Registers | 5 | 4 | .556 | 765 |
| Jewels | 4 | 5 | .444 | 760 |
| Seals | 3 | 6 | .333 | 748 |
| Bases | 2 | 7 | .222 | 744 |
| Covers | 2 | 7 | .222 | 741 |
| Magnets | 1 | 8 | .111 | 751 |

Individual Averages

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Rietdorf | 9 | 179 | Thompson | 9 | 170 |
| Erne | 9 | 174 | Haberkorn | 9 | 169 |
| Lawrence | 9 | 171 | Evans | 9 | 169 |
| Timme | 9 | 171 | Schwartz | 9 | 167 |
| Miller | 9 | 170 | Weick | 9 | 167 |

High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Andress | 244 | Schwartz | 586 |
| Schwartz | 236 | Lawrence | 580 |
| Haberkorn | 231 | Laubenstein | 572 |

High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Terminals | 925 | Terminals | 2526 |
| Gears | 895 | Pivots | 2476 |
| Elements | 866 | Discs | 2432 |

### Main Office League

| | Won | Lost | Pct. | Ave. |
|---|---|---|---|---|
| Apparatus Cost | 9 | 3 | .750 | 779 |
| D-C. Apparatus | 9 | 3 | .750 | 779 |
| D-C. Drafting | 8 | 4 | .667 | 792 |
| Service Bureau | 7 | 5 | .583 | 755 |
| Plant Construction | 7 | 5 | .583 | 731 |
| Accounting | 6 | 6 | .500 | 747 |
| A-C. Drafting | 6 | 6 | .500 | 737 |
| Distribution | 5 | 7 | .417 | 741 |
| Warehouse | 5 | 7 | .417 | 741 |
| Material List | 4 | 8 | .334 | 745 |
| Industrial Service | 3 | 9 | .250 | 734 |
| Small Motor Eng. | 3 | 9 | .250 | 724 |

Individual Averages

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Reese | 9 | 183 | Roeger | 12 | 167 |
| Einseidel | 12 | 181 | Wallace | 12 | 166 |
| Bryan | 12 | 181 | Bower | 12 | 165 |
| Enders | 9 | 179 | Zieg | 12 | 163 |
| Lindemuth | 12 | 169 | Plaisted | 12 | 163 |

High Individual Score

| One Game | | Three Games | |
|---|---|---|---|
| Zieg | 235 | Einseidel | 634 |
| Reese | 233 | Reese | 600 |
| Einseidel | 228 | | |

High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| D-C. Drafting | 874 | D-C. Drafting | 2473 |
| D-C. Apparatus | 860 | D-C. Apparatus | 2462 |
| Material List | 847 | Apparatus Cost | 2426 |

### Transformer Dept. League

| | Won | Lost | Pct. | Ave. |
|---|---|---|---|---|
| Toys | 5 | 1 | .833 | 729 |
| Autos | 3 | 3 | .500 | 720 |
| Currents | 3 | 3 | .500 | 710 |
| Nitelites | 3 | 3 | .500 | 698 |
| Bells | 2 | 4 | .333 | 677 |
| Radios | 2 | 4 | .333 | 653 |

Individual Averages

| | G. | Ave. | | G. | Ave. |
|---|---|---|---|---|---|
| Tagtmeyer | 6 | 172 | Long | 6 | 155 |
| Cox | 6 | 170 | Boutwell | 6 | 152 |
| Cook | 6 | 169 | Lash | 3 | 152 |
| Garihan | 6 | 166 | Schlatter | 6 | 151 |
| Fryback | 6 | 158 | Meeker | 6 | 151 |

High Individual Score

| | | | |
|---|---|---|---|
| Tagtmeyer | 203 | Tagtmeyer | 559 |
| Orff | 200 | Cook | 533 |
| Fryback | 198 | Cox | 531 |

High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Autos | 781 | Toys | 2265 |
| Currents | 770 | Autos | 2226 |
| Toys | 756 | Currents | 2195 |

### Foremen's League

| | Won | Lost | Pct. | Ave. |
|---|---|---|---|---|
| Refrigerator | 2 | 1 | .667 | 753 |
| Apparatus | 2 | 1 | .667 | 724 |
| Transformer | 2 | 1 | .667 | 708 |
| Tool Supply | 2 | 1 | .667 | 691 |
| Small Motor | 1 | 2 | .333 | 763 |
| Meter | 1 | 2 | .333 | 739 |
| General Service | 1 | 2 | .333 | 679 |
| Wire and Insulation | 1 | 2 | .333 | 637 |

Individual Averages

| | | | |
|---|---|---|---|
| Rockhill | 173 | Holloway | 162 |
| Bunting | 170 | O'Brien | 162 |
| Szink | 170 | Skevington | 158 |
| Foellinger | 168 | Kabish | 158 |
| Buuck | 163 | Gollmer | 157 |

High Team Score

| One Game | | Three Games | |
|---|---|---|---|
| Small Motor | 831 | Small Motor | 2290 |
| Meter | 798 | Refrigerator | 2260 |
| Refrigerator | 780 | Meter | 2216 |

*Wanted*
Good Suggestions
Apply to
*Suggestion Committee*

## DECATUR SECTION

### Old Home Week

OLD Home Week held in Decatur September 10th to 15th as a reunion of former Decatur folks, resolved itself into a street fair with both agricultural and industrial products on display. While this was not a General Electric affair, our Company's co-operation was one of the factors in making the event a big success.

The General Electric exhibit, placed on the corner of Madison and Second Sts., proved one of the most interesting. Large crowds of people spent considerable time at the booth and manifested their keen interest in the products on display.

The exhibit featured small motors, electric fans, radiolas, traffic light with automatic control, the automatic signal timer being open so that the public could view the working parts, an electric victrola motor in operation, and a General Electric refrigerator. Prominent in this exhibit was the first motor built by the Decatur Plant and also the millionth motor. In the center of the booth a winding machine had been erected and two of our local girls, Alta Smith and Margaret Miller, demonstrated the method of winding fractional horsepower motor armatures.

In the Industrial Parade of Friday afternoon, 95 per cent of the employees of the Decatur G-E Plant marched. They were led by their band, the members of the Fire Dept. in uniform bringing up the rear. The Decatur G-E Band, under the direction of Joe Danner, furnished music every night during the week.

It is estimated that the daily attendance at the festivities was approximately 25,000 people.

If Father did the washing Just Once
Mother wouldn't have to ask for These

G-E Float in Decatur "Old Home Week" Parade

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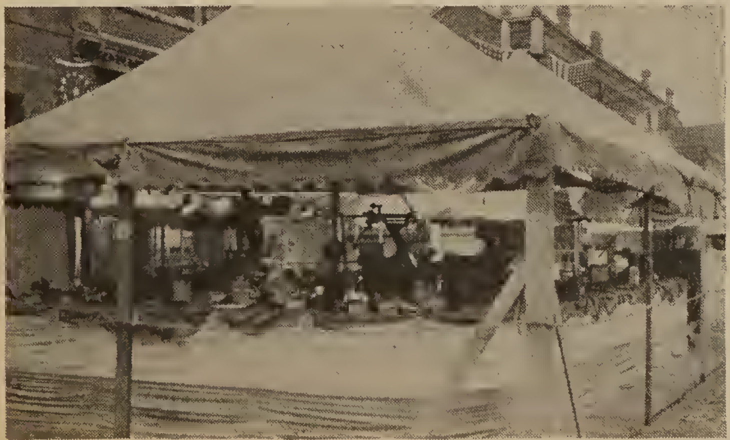
### Directors of Athletic Association Meet

THE Board of Directors of the Athletic Association held a meeting September 29th, to elect new officers and plan activities for the winter season. Alvy Buffenbarger was chosen president, Milton Brown, vice president; Cash Lutz, secretary, and Lohnas McIntosh, treasurer.

Plans for the bowling season were discussed. A team to represent the Decatur Plant in the Fort Wayne G-E league was formed. The members of this group are the high average men from the number who bowled in the Decatur G-E league of last year. The members of this special team are: H. Cochran, A. Schafer, C. Schafer, T. Miller, C. Baxter, M. Hoagland, D. Gallogly, B. Gage. Everyone is expecting the Decatur Plant to be ably represented by this group.



G-E Booth at Decatur "Old Home Week"

### Firemen's Banquet

The ever-welcome mess call sounded for the members of the Fire Dept. on Monday Evening, September 24th. Chicken and plenty of it headed the menu. At this banquet there was a penalty. If any chicken were left there were to be no more banquets; however plans were made for another one for Monday, October 1st.

After the dinner a short business meeting was held and then the boys started the winter's argument to decide the Fan Tan championship.

Ed. Boknecht, a tester of the local plant, left the Company's service recently to take over the operation of a Standard Oil filling station. Ed. had been with our Company for seven years, at first working as an inspector of armatures, and later as tester. His many G-E friends wish him success in his new enterprise.

### Landed

People are naturally inclined to accept fish stories only at a discount. It seems to be human nature to spin fish yarns about the big ones that got away, but Hubert Cochran and Paul Reynolds, Automatic Dept., produced the fish to back up their story. It was a channel cat weighing 11½ lbs., and measuring 31 inches in length. According to old fishermen of the locality, this is the largest fish of its kind taken from the St. Mary's river for many years.

## Weddings

### Ehrsman-Suman

Ruth Suman, Winding Dept., and Melvin Ehrsman were married at Sturgis, Mich. on August 25th.

### Bowman-Peterson

Hazel Peterson, Black Armature Dept., and Howard Bowman were married at Hillsdale, Mich., on September 9th.

### Sorlie-Snell

Rose Snell, Winding Dept., and Vernon Sorlie, of the International Harvester, at Fort Wayne, were married June 30th at Hillsdale, Mich.

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Doc Schubmehl: "If there is any doubt of the purity of your vacation drinking water, you'd better boil it and kill the bacteria."

Dave Crockett: "Thanks, Doc, but I'd rather be an aquarium than a morgue."

"MY WIFE and I were up at the Electrical Exhibit the other evening. I sure was surprised when I saw the number of household appliances that are motor driven. I picked up this list of different products equipped with our fractional horsepower motors. Just listen to it!

- *Buffers and Polishers*
- *Clocks*
- *Dishwashers*
- *Exercisers*
- *Fans*
- *Floor Scrubbers and Polishers*
- *Hair Dryers*
- *Health Appliances*
- *Heat Controls*
- *Ice Cream Freezers*
- *Ironers*
- *Motion Picture Projectors*
- *Phonographs*
- *Player Pianos*
- *Portable Tools*
- *Pumps*
- *Refrigerators*
- *Sewing Machines*
- *Vibrators and Massage Outfits*
- *Washing Machines*
- *Oil Burners*
- *Ventilators for Kitchens*
- *Mixing and Chopping Outfits*
- *Utility Outfits for Garages and Shops*

"G-E fractional horsepower motors have been designed for each of these devices, and when I need any of them for my home it will have to be equipped with our motor. I know they're the best, and besides I am sure I'll find G-E fractional horsepower motors on only high grade appliances."

*In addition to the nameplate and the end shield on the G-E motors themselves this identification seal is used on stickers and tags attached to most of the appliances equipped with G-E fractional horsepower motors.*

MOTOR
MANUFACTURED
BY
GENERAL ELECTRIC COMPANY
U.S.A.

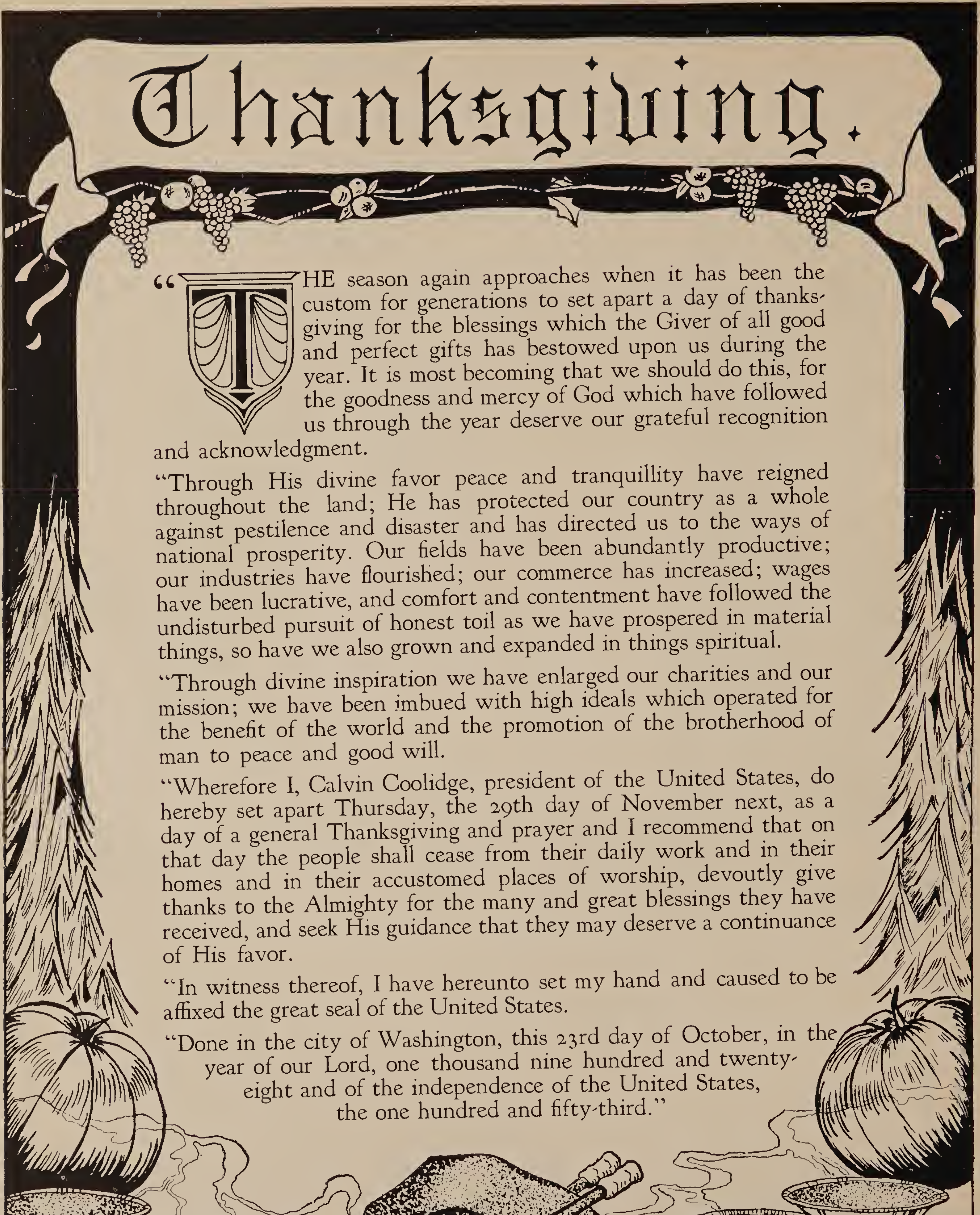
210-84

The season again approaches when it has been the custom for generations to set apart a day of thanksgiving. . . .

—FROM THE THANKSGIVING PROCLAMATION
OF PRESIDENT COOLIDGE.

The
Works News

November 16, 1928



# Thanksgiving.

"THE season again approaches when it has been the custom for generations to set apart a day of thanksgiving for the blessings which the Giver of all good and perfect gifts has bestowed upon us during the year. It is most becoming that we should do this, for the goodness and mercy of God which have followed us through the year deserve our grateful recognition and acknowledgment.

"Through His divine favor peace and tranquillity have reigned throughout the land; He has protected our country as a whole against pestilence and disaster and has directed us to the ways of national prosperity. Our fields have been abundantly productive; our industries have flourished; our commerce has increased; wages have been lucrative, and comfort and contentment have followed the undisturbed pursuit of honest toil as we have prospered in material things, so have we also grown and expanded in things spiritual.

"Through divine inspiration we have enlarged our charities and our mission; we have been imbued with high ideals which operated for the benefit of the world and the promotion of the brotherhood of man to peace and good will.

"Wherefore I, Calvin Coolidge, president of the United States, do hereby set apart Thursday, the 29th day of November next, as a day of a general Thanksgiving and prayer and I recommend that on that day the people shall cease from their daily work and in their homes and in their accustomed places of worship, devoutly give thanks to the Almighty for the many and great blessings they have received, and seek His guidance that they may deserve a continuance of His favor.

"In witness thereof, I have hereunto set my hand and caused to be affixed the great seal of the United States.

"Done in the city of Washington, this 23rd day of October, in the year of our Lord, one thousand nine hundred and twenty-eight and of the independence of the United States, the one hundred and fifty-third."

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

Vol. 12 November 16, 1928 No. 11

# Suggestion Awards Total $575

Ed. Glusenkamp

Fred Vachon

THE largest award during the four weeks' period covered by this report went to Fred Vachon, of Bldg. 27-1. He saw an opportunity to make a practical decrease in the amount of scrap from the operation of producing the CD-113 pole punchings, by changing the size of material. He made a suggestion in this regard which brought him a $70 award.

Next to the largest award went to Ed Glusenkamp, Bldg. 4-5. His suggestion regarding reinforcing of coils and the elimination of certain connections on a-c vitaphone fields brought him an award of $35.

G. Mangels, Bldg. 17-3 suggested a change to the stripper on the shear in Bldg. 17-3 that brought him a $15 award

Margaret J. Meyers of Decatur Plant, suggested an improved method of tying armatures at Decatur and received $15 award.

Roy H. Hively, Bldg 19-1, received $10 award on a suggestion of an improved design of binding post and buss ring support for dynamometers.

C. A. Bell, Winter Street Plant, suggested a change in the construction of DR-3 ice machines to eliminate trouble caused by leads rubbing against the frame. His award was $10.

Wilmer J. Bardormer, Bldg. 4-5, received $10 award on his suggestion of supplying a strap and clip to facilitate the testing of vitaphone motors in Bldg. 4-5.

William E. Moore, of Bldg. 4-1, received an additional award of $10 on his suggestion of using hardened pins in chuck jaws used in checking fractional horsepower motor flanges. His original award on this suggestion was $10.

Arthur Bieberich. Decatur Plant. suggested a drain at the armature press at Decatur which brought him $10 award.

Fred Zehender, Bldg. 12-1, received $10 award on his suggestion of using containers for delivering mica cones from the Insulation to the Fractional Horsepower Motor Dept.

Alton R. Kissinger, Bldg. 4-1, suggested the annealing of fractional horsepower motor stator frame castings to permit the removal of broken taps. His suggestion brought him $10 award.

Nira Janney, Bldg. 19-5, received $10 award on suggestion to shorten paper insulation strips in I-16 potential coils to save material and keep down the size of coils.

Clarrel Rigby, Bldg 26-2, was awarded $10 for suggestion regarding change in the ratchet pin of the paper flipped in the Transformer Dept., Bldg. 26-2, to reduce repairs and maintenance.

J. A. Lamboley, Bldg. 3-3, received $10 additional award on his former suggestion of shearing 0.15 Armco paper in Oswego shears in the Wire and Insulation Dept. His original award on this suggestion was $10.

Sixty-eight separate awards of $5 each were made during the month of October. These were as follows:

A. P. Gollmer, Bldg. 4-1, saddle for holding footless motors during certain operations in Fractional HP. Motor Dept.

Sam Shive, Bldg. 19-3, additional award, change to drill press No. 8082 in Bldg. 19-3, to facilitate its use on larger castings. The original award was $5.

## Oil Cooled Transformer Production Transfer

*THE Fort Wayne Works of the General Electric Company is fortunate in having here a portion of the refrigerator machine production. This business has grown so rapidly within the last year and promises so well for the future that additional facilities are required here at Fort Wayne to take care of it. In order to secure these facilities it has been decided to reduce slightly the production in our Transformer Department and thus provide the necessary floor space for this substantial expansion in the refrigeration department.*

*The oil cooled transformer production, involving perhaps less than 150 people, will be gradually transferred out of Fort Wayne, some of the business being placed on the Pittsfield Works, some at Erie and possibly some at the Oakland, California, Plant. In its place there will come immediately an expansion of the refrigeration department, which will involve the employment of a great many more people than will be lost in the transfer of the transformer production. This program probably means that Fort Wayne Works will be permanently active in the refrigerator business, which at the present time and for the future seems to promise a very rapid expansion.*

WALTER S. GOLL, *Works Manager.*

Paul E. Bohn, 19-3, eliminating operation of checking certain apparatus pulleys before shipping.

Evan Aulton, Bldg. 4-1, change to iron spinner in Bldg. 4-1 to improve operation.

Jacob R. Renner, Bldg. 17-3, supplying an additional repair bench in Bldg. 17-3.

Robt. Heinley, Bldg. 17-2, supplying special long handled pliers for tinning leads in Bldg. 17-2.

Joseph J. Koble, Bldg. 26-2, special containers for naphtha in Bldg. 26-2.

Wm. E. Scherer, Bldg. 20-1, change to test equipment in Bldg. 26-2, to facilitate testing of the GW-21 units.

Paulus Adams, Bldg. 19-1, change to lighting in office, Bldg. 19-1.

Walter M. Kreig, Bldg. 4-1, supplying shields for asbestos covered steam pipes in Bldg. 6-1.

Jack Payton, Bldg. 26-2, change to oil testing transformer switch mounting to provide for depressions on switch.

F. Rosenberger, Bldg. 18-B, painting insides of elevators in Bldg. 18.

Joe H. Cline, Bldg. 26-2, change to lead anchors used on Y-675 transformers.

C. Pfeil, Bldg. 4-4, supplying guard on machine No. 3161, Bldg. 4-4.

Paul L. Sanders, Bldg. 4-1, supplying heavier material for certain table tops in Bldg. 4-1.

Sam Sroufe, Bldg. 4-4, supplying guards for machines number 5431 and 5433 in Bldg. 4-4.

Hovy L. Schrader, Bldg. 17-1, supplying a special wrench for making short bends in copper in Bldg. 17-1.

Dan Grotrian, Bldg. 20-1, saving and re-using of snaps and springs for canvass spray covers used at Winter Street.

Floyd E. Braun, Bldg. 26-1, change to rollers on the "U" type tension device used in Bldg. 26-1.

D. Williams, Bldg. 4-4, supplying stops at oven doors in Bldg. 4-4.

William Irvin Archer, Bldg. 4-3, cover for jig and vise on machine No. 1118 in Bldg. 4-3.

Dean Miles, Bldg. 22, change to the hooks used for handling trays in Bldg. 22.

A. M. Smith, Bldg. 26-1, supplying a shelf at test in Bldg. 26-1.

J. E. Martz, Bldg. 26-2, supplying an adjustable stop on hydraulic press in Bldg. 26-2.

Margaret Grose, Bldg. 26-2, supplying a shield at conveyor in Bldg. 26-2.

Sam E. Baumgartner, Bldg. 14-3, change to guard on P.&J. machines 12194 and 12195 in Bldg. 19-3.

Freeman White, Bldg. 4-4, installation of guard on tapping machines in Bldg. 4-2.

Frank Arlitsch, Winter Street, supplying a tool for cleaning solder from float valves at Winter Street.

Gustave Doepke, Winter Street, supplying special clamps for use in testing ice machines.

Harvey M. Smelser, Winter Street, a change to the construction of sieve used in Enameling Dept. at Winter Street.

Wibert B. Putt, Bldg. 4-5, lacing Frac. HP. motor frame 720 fields to hold winding in place.

Carl Kloepper, Bldg. 12-2, installing a bell at foreman's desk in Bldg. 17-4, Tool Dept.

Elmer Girardot, Winter Street, supplying shields over glass driers at charging stand at Winter Street.

W. F. Emkow, Winter Street, supplying a tool for removing gaskets at Winter Street.

A. J. Minnewisch, Bldg. 4-1, supplying a guard on breakers at oven in Bldg. 4-1.

Charles C. Niblick, Winter Street, changing guard on lathe No. 14770 at Winter Street.

Truman R. Buckles, Bldg. 2-K, relocating a switch in Bldg. 2-K.

Julia McIntyre, Bldg. 12-1, supplying an oil shield on drill press in Bldg. 12-1.

H. A. Norr, Winter Street, supplying a guard for grinder at Winter Street.

Lawrence W. Magsamen, Winter Street, supplying insulation blocks for connections at calculating ovens at Winter Street.

Frank H. Lemish, Bldg. 26-3, installing a stop at turn table in Bldg. 26-3.

Edward J. Barry, Bldg. 26-2, installing a hoist for handling boxes in Bldg. 26-2.

Howard E. Eastman, Bldg. 26-2, supplying a guard at conveyor in Bldg. 26-2.

Nora C. Coburn, Bldg. 26-2, supplying special stands for use in Bldg. 26-2.

O. G. Chinnes, Bldg. 19-1, guards for couplings of machines in Test Room, Bldg. 19-1.

True Miller, Decatur, change to knock out on punch press at Decatur.

Carl Kloepper, Bldg. 12-2, splash shields at girder in Bldg. 12-2.

Joe H. Cline, Bldg. 26-2, change to the tubing and leads on Y-1360 transformers, Bldg. 26-2.

Floyd Baxter, Decatur, saving lead balance weights at Decatur.

Louise Cummings, Bldg. 4-1, change at conveyors to protect windings in Bldg. 4-1.

Victor Bradbury, Bldg. 4-1, placing of a door in the window of the Tool and Die Room in Bldg. 4-1.

Harold A. Hart, Bldg. 4-5, placing of a turntable in conveyor and a stop at gate in Test, Bldg. 4-5.

H. Paul Koogle, Bldg. 17-2, lowering stretchers in elevators in Bldg. 17.

Ralph R. Heminger, Bldg. 4-1, providing of a rack or container for motors at heat run in Bldg. 4-1.

Wm. C. Schultz, Bldg. 4-3, providing a special thread gauge for bronze tube No. 3510480, Bldg. 4-3.

M. J. Petgen, Bldg. 3-3, revising Form F.W.-234 to make it better fit the present condition in the Frac. HP. Motor Dept.

Carl B. Egts, Bldg. 26-2, lever device for taking split arbors apart in Transformer Dept., Bldg. 26-2.

L. Duke, Bldg. 26-4, change in stud sketch No. 1722123 to eliminate a second drilling operation in the Meter Dept.

Lindsay E. Estes, Bldg. 4-3, providing additional pans for holding alcohol and bakelite for brush-holders in Bldg. 4-3.

E. C. Gallmeier, Bldg. 4-1, the removal of uprights under conveyor in back end of stock room in Bldg. 4-1 by subsituting suspension rods, thus providing more room.

L. Krumbigal, Bldg. 26-1, change to winding form used on type KF transformers so as to be adjustable for several sizes of coils.

Henry F. Linker, Bldg. 12-B, change in the location of switch on milling machine No. 17271, Bldg. 12-1, to overcome the accidental shut-down of the machine.

C. A. Zuercher, Bldg. 4-5, placing slot in pulley end flange on Vitaphone motor Model No. 32739-40 to facilitate the removal of flange at the assembly in 4-5.

Agnes Manz, Bldg. 6-3, providing additional radiation for 6-3 office to improve the working conditions during the cold weather.

BOUGHT THROUGH THE G-E HOUSING PLAN

*Left to right:* Homes of A. R. Flory, 2410 Pleasant Ave.; James F. Workman, 2210 Cortland Ave.; Elmer C. Sible, St. Mary's Ave. and Lincoln Highway.

OFFICERS OF FT. WAYNE SECTION, A. I. E. E.

*Left to right:* E. J. Schaefer, Vice Secretary-treasurer; C. F. Beyer, Chairman; J. F. Eitman, Secretary-treasurer; F. W. Merrill, Vice Chairman.

## A.I.E.E. Opens Year's Activities

THE initial meeting of the local section of the American Institutute of Electrical Engineers was held here on the evening of September 27th. Due to the large number of members who are connected with our Company and to the facilities here for · showing motion pictures and lantern slides, many of the meetings are held in Bldg. 16-2.

At this initial meeting the four "Happiness Girls" with voice, violin and piano presented a half-hour of entertainment. A comedy motion picture followed and the members present then listened to a talk on the proposed Bert J. Griswold memorial park by Charles J. Steiss, civic council secretary of the Fort Wayne Chamber of Commerce. At the close of this talk a resolution was adopted approving the plan of naming the park in honor of Mr. Griswold. P. O. Noble, past chairman of the local section and official delegate to the summer convention in Denver, gave a résumé of the activities at the convention. C. F. Beyer, the present chairman, in a brief outline of the proposed activities for the year mentioned the plan of alternating technical and non-technical programs. The chairmen of the various committees were then introduced and the meeting was closed with the usual lunch and social hour.

The second meeting of the year was held on the evening of October 25th in the offices of the Hall Electric Heating Company in the Medical Arts building. In the absence of Mr. Hall, who had been scheduled to speak, B. R. Greene, of the sales department, and P. S. Lyon, chief engineer, explained the principles of the Hall system of heating homes by electricity.

The November meeting was held here at the General Electric, November 15th. Earle L. Hardy, meteorologist of the Fort Wayne station of the U. S. Weather Bureau, described the way in which weather forecasts are made.

At the December meeting, J. B. Wiles, manager and industrial commissioner of the Fort Wayne Chamber of Commerce, will be the guest speaker. He has been asked to give his views on the responsibility of the individual toward matters of civic welfare. This meeting will be held in Bldg. 16-2 here at the General Electric on Thursday evening, December 20th.

It may be of interest to mention that anyone may become a local member of the A.I.E.E. The yearly membership fee is only $2.00. As not more than half of the programs are to be technical and the highly technical talks are a rarity, this branch of membership should interest many of our readers. At the next meeting, October 25th, C. I. Hall will describe the Hall Electric Heating System. There is every effort to make all programs well worth while to every member of the club. Last year there were 79 local, 61 national and 6 student members. Anyone interested should get in touch with A. B. Campbell, Bldg. 19-4, who is chairman of the membership committee.

The chairmen of the other standing committees for the year are: program, D. W. Merchant; entertainment, J. L. Westbrook; civic, J. J. Kline.

## Band Gives Weekly Concerts

MUSIC lovers of the Fort Wayne Works, the home folks in Fort Wayne and all living within a radius of many miles of our city, are to have the pleasure during the winter of hearing our G-E Band each Thursday noon. The band will play from 12:00 to 12:50 o'clock in the gymnasium of the G-E Club, the first half hour to be broadcast over Radio Station WOWO.

During the past summer the ceiling of the gymnasium at the club was covered with insulation which kills the troublesome echoes that previously had made the gymnasium unsuited for auditorium purposes. Tryouts by the band have proved that the acoustics of the gym are now excellent and as the place will accommodate approximately 2000 there is assurance of room for all that care to drop in to hear the band. It is expected that this new arrangement for weekly winter concerts will be popular with employees and that Conductor Verweire and his bandsmen will have the encouragement of large audiences each Thursday noon.

## Squares Appoint Committee

AT a recent meeting of the officers of the G-E Squares the following committees were appointed to serve for the six-month period intervening before the next selection of club officers.

*Social*: A. N. Tuttle, chairman; W. M. Adams, G. T. Graham.

*Membership*: C. Summers, chairman; A. E. Chettle and L. S. Dulaney.

*Athletics*: K. Boger, chairman; H. Kroeger and K. McDougal.

# Foremen's Farmer Party the Best Ever

THE Foremen's Club "Farmer Party" held in Bldg. 16-2 on the evening of October 30th proved one of the best ever staged by the club. The sausage and sauerkraut dinner served banquet style went over big. Everyone thereafter had the option of washing his own platter or paying ten cents to "the maid" to do it for him. Pans of water and towels were set handy and some really washed their own, but a check up after the line had passed showed that the maid had collected something over eleven dollars in fees.

The crowd was led to the banquet table by a "Hick Band" composed of Perry Shober, Stewart Herring, Earl Gebert, Ben Kline, Tom Cannon and William Brinkroeger. After the banquet hall was reached, a collection was taken up to pay the musicians but it is rumored that the musicians never saw the coin. Another feature in the line of musical entertainment was that furnished by Charles Knoll, an old-time fiddler, who was accompanied at the piano by Claude Kelley.

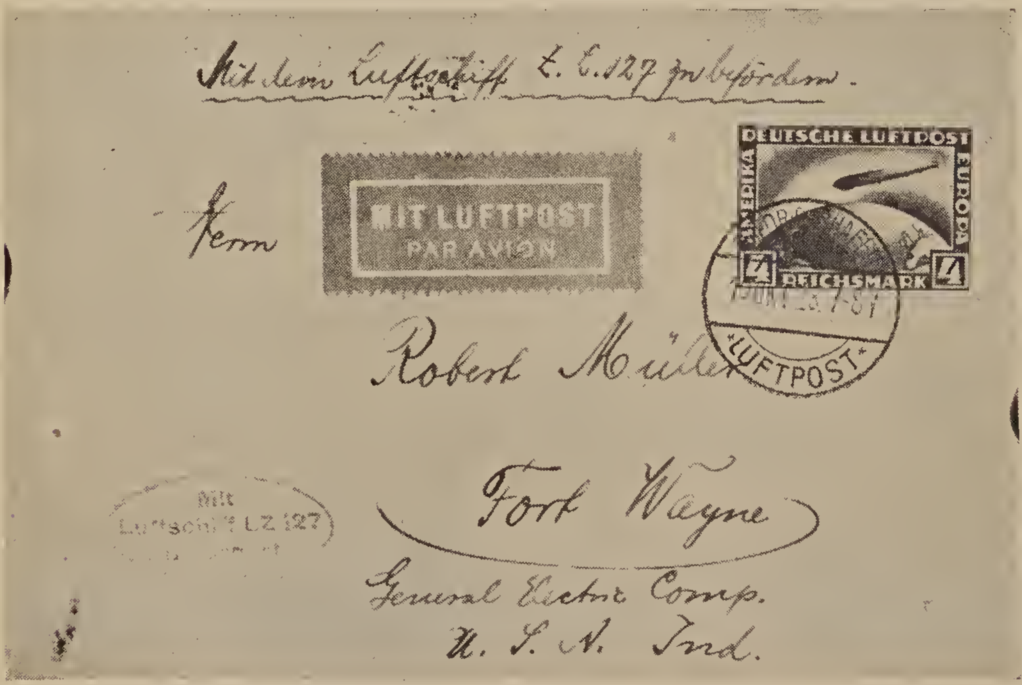
Of course, this was principally an evening of fun and the old and well known game of Keno was introduced for the entertainment of the crowd. The surprising thing, however, was that the invited guests, Messrs. Goll, Evans, Barnes, Morganthaler and Matson walked off with eight of the fourteen prizes. Fred Schefenacher, Alva Powell, Max Holz and Henry Stahlhut were the only lucky ones among the members of the club.

Lloyd Platt presented a humorous paper, which however was not original, called "The Specialist," that brought down the house. In more serious vein were short talks by Mr. Goll, Mr. Evans and Mr. Barnes who presented their remarks in the regular period of the meeting assigned to matters "For the good of the club."

As election of club officers is the special order of business for the next meeting scheduled for November 28th, candidates for the various offices being nominated at this meeting. The names of those placed in nomination are as follows:

President: Wm. Franke, R. J. Gollmer, Walter Holloway, Walter Wolf; vice presidents: Wm. Miller, A. R. Kabish, F. R. Hoffman, E. Bunting, A. Druce, O. J. Meyers, Karl Soest, J. Schwartz, K. Szink; treasurer: C. J. Johnson, H. J. Peters, Wm. Skevington; secretary: A. R. Hall, Walter Bell, Al. Hartman.

The members of the entertainment committee which staged this most happy affair were: Oscar Weitzman, chairman; Walter Holloway, E. Schoenlein, Geo. Teele, Carl Bobay, Harry Hire, Henry Stahlhut, Ray Hoffman, Frank Hoffman, Bob Gollmer, Lloyd Platt, J. R. Snider, Frank Korte and George Harkenrider.



CARRIED BY THE GRAF ZEPPELIN

This letter was mailed to our Works cashier by a nephew in Hanover, Germany. This nephew is much interested in collecting stamps and has a collection worth several thousand dollars, probably the largest collection in Hanover. He mailed with the letter on the Zeppelin a postcard bearing a 2 Reichsmark stamp and asked Mr. Müller to return the envelope of the letter and postcard to him that he might place them in his collection. The postmarks on the envelope show that the letter was received in Freidrichshaven between 7:00 and 8:00 a.m. on October 10th, arrived in New York at 10:00 a.m., October 16th, and arrived in the Fort Wayne Post Office at 1:00 p.m., October 17th.

## Our Former Manager

THE following biographical sketch of Fred Stanley Hunting, manager of the Fort Wayne Works from 1911 to 1922, was published in the *A.I.E.E. Journal* for October:

Mr. Hunting, manager of the Institute 1911-1914 and its vice president from 1914 to 1916, was born at Templeton, Massachusetts, on the thirtieth of September, 1867.

After graduating from the Templeton high school in 1884, he entered upon a course at the Worcester Polytechnic Institute, from which he graduated in 1888 with a degree in mechanical engineering. He later obtained his B.S. degree from the same school, ranking second in his department.

Immediately after graduation, he entered the employ of the Fort Wayne Electric Company, where, for the first three years, he was engrossed in experimental testing work and the design of electrical apparatus. He made a special study of the development of transformers and a-c. distribution and performed some unique tests on electrical apparatus. Later he was appointed assistant to M. M. Slattery, then chief electrical engineer of the Company, and in September 1893, Mr. Hunting became chief construction engineer, directing the installation of many representative plants. Subsequently he was chosen treasurer and sales manager of the Company, and ultimately was elected vice president and treasurer.

In 1911 he received his appointment as general manager of the Fort Wayne Works of the General

Electric Company, and in this capacity he served until 1922, when he joined the Robbins and Meyer Company, of Springfield, Ohio, as its president.

Several large central station switchboards are the products of his ability in electrical design work; for some time he was associated with C. S. Bradley—also a member of the Institute—in his laboratory experimental and developmental work carried on in New York City.

Mr. Hunting retired from active business a short time ago, and has recently been made a member for life of the Institute, which he joined in 1892 as an associate. He was transferred to the grade of Fellow in 1913. He is a director of the Lincoln National Life Insurance Company, a member of the Commercial and Country Clubs of Springfield, Ohio, and also of the Union Club of Cleveland.

## Placed on Pension

BEN Weaver, who during his last active work here was employed in Bldg. 26-B, was granted a pension effective November 1st, following 20 years in the employ of the Company. He had not been working since March 31st, as at his advanced age, 73 years, he had experienced difficulty in moving about.

Ben Weaver

Mr. Weaver tells us that he removed the iron from the last coal fired annealing furnace used here at our Fort Wayne Works. This was in February, 1927. Before that time he had worked for years in the Annealing Dept., his first work in this line being in 1915 under Foreman Harry Beers. Previous to that time he worked with the force of yard men.

This past summer Mr. Weaver has been taking things easy, gardening a little and visiting about. His home is at 3221 Dinnen Ave. No doubt he will be glad to have his old friends from the shop call and see him.

## Apprentice Alumni Holds Quarterly Dinner Meeting

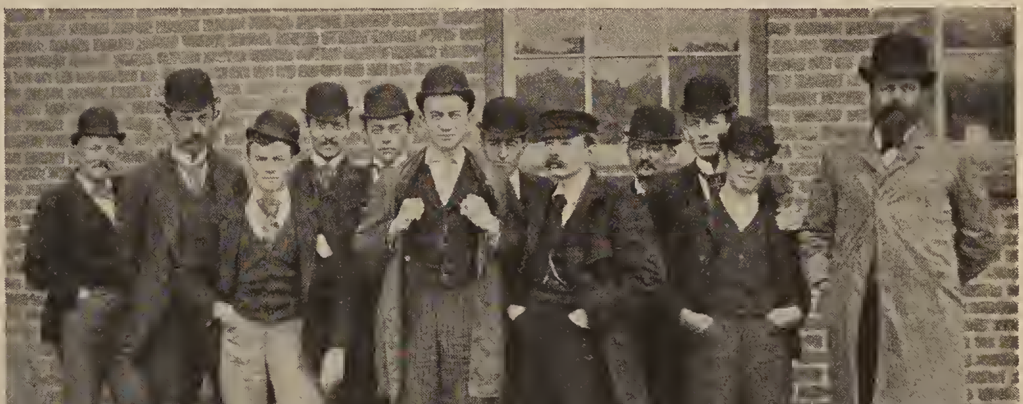
THE Apprentice Alumni held their final quarterly dinner meeting of the year at the Catholic Community Center on the evening of October 16th. For each of these regular dinner meetings a special speaker is secured. At this last meeting E. L. Gaines, traffic superintendent of the Home Telephone and Telegraph Co., made the principal address, his subject being "Wanderlust."

In his talk he deplored the tendency of young men to change jobs often, in the belief that they were bettering themselves. Continual shifting handicaps a man in his striving for advancement, Mr. Gaines said. "You may say there is no opportunity in your work, but no job has any opportunity in it anyway, because that has to come from within the employee himself." The opportunities of a job are created by the person who sees future needs and develops knowledge valuable to his employer, said Mr. Gaines.

C. H. Matson, assistant to our general superintendent, was present at this dinner and in a few short remarks expressed appreciation of being elected an honorary member of the club, and stated that he could be counted on to take an active part in the meetings.

At the next dinner meeting in January, officers will be elected for the ensuing year. Clarence Roembke, Herbert Siebold, James Jennings and Edward Ehrman have been appointed as a nominating committee to select candidates for the various offices in the association. The present officers are: Paul Weitzman, president; Karl Schlenker, vice president; Raymond Kierspe, secretary-treasurer.

The Association plans a bowling tournament to be held on the G-E Club alleys during November and a special Christmas party for members and friends during the holiday season. C. W. Hale, chairman; Carl Schlenker, John Lare, Roy Bracht, George Fries, George Karns and John Craig, are the members of the entertainment committee which has charge of these affairs.



FORT WAYNE WORKS OFFICE GROUP, 1889

This picture of a Fort Wayne office group was taken by Thomas Duncan, of Duncan Electric Mfg. Co., Lafayette, then in the Meter Dept. here. He says, "Some neckties in those days contained enough silk to make a half a dozen present-day dance frocks, while the bowlers or derbies of that time were strong of dome and weak of brim. Those, too, were the days when a man would have been ostracized from society if he were caught with his pants pressed, and it was some years before King Edward of England, introduced that custom. *Left to right*—Jim Costigan, deceased; C. C. Miller, Wayne Paper Goods Co., Fort Wayne; Tom Dascomb, deceased; Martin Gross, Fort Wayne; Carroll Gould, New York; R. F. Harding, Order and Stores, Fort Wayne; Henry Wellman, deceased; Fred Zollars, law firm of Leonard, Rose and Zollars; W. Crox'on, D. C. Davis, assistant treasurer in charge of credits, Schenectady; Homer Carpenter, Willamette, Oregon; Fred Lankenau, deceased, uncle of E. W. Lankenau, superintendent, Decatur Works.

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

*Published on the third Friday of each month by the General Electric Co. in the interests of the employees of the Broadway, Winter Street and Decatur Plants.*

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Vol. 12 November 16, 1928 No. 11

## Safety Paragraphs

### Do You Practice Safety at Home?

THE man who feels safe just because he is at home is an optimist. There doesn't seem to be any statistical foundation for the feeling of security. Motor vehicle accidents, industrial accidents and home accidents each accounted for some 25,000 deaths in the United States in 1927. For every person killed at home about 2000 received injuries severe enough to keep them from working a day or more.

Actually the home is not so hazardous. A washing machine is hardly in the same class as a punch press or a circular saw, though it has been known to mangle hands. Motor vehicles don't tear through the rooms as they do in city streets. But there are plenty of opportunities to slip or trip or get scalded or burned. The force of gravity will pull you down to earth just as hard at home as at the shop. Careless use of fire will result in destruction at either place.

In all up-to-date factories inspections are held regularly to see that machinery and equipment are in safe operating condition. At home you are likely to find out that the ladder is shaky or the connecting cord for an electric appliance is worn out when you're in too big a hurry to fix it. In the average home no one is responsible for maintaining safe conditions.

* * *

### What is Fatigue?

Fatigue has been called the most common occupational disease. It is common to every occupation, including housekeeping, and it is even possible to get quite tired from loafing.

It is quite natural to feel tired after a day's hard work but we should not feel too tired to take an interest in some kind of healthful recreation during the evening. A night's rest should leave us feeling fit each morning.

Here are some of the principal causes of fatigue.

Overwork.
Worry and hurry.
Insufficient rest and sleep.
Bad air.
Hunger.
Eye strain.
Constipation and indigestion.
Insufficient outdoor exercise.
Onset of some infectious disease.

If fatigue is not plainly due to lack of rest it is advisable to see the doctor. Perhaps only a simple adjustment in living habits may be necessary but a medical examination may prevent a severe illness.

* * *

There were nine lost-time accidents reported for the first 29 days of October. None of the accidents were very serious; five of the nine injured are already back to work. The Fractional HP. Motor Division hasn't had a lost-time accident since August 20th—almost two and one-half months.

Decatur Plant's wonderful record of only one lost-time accident so far this year was broken this month by another hernia.

The standing of the various divisions on October 29th based on the number of lost-time accidents is as follows:

| | |
|---|---|
| Receiving and Shipping | 1 |
| Decatur | 2 |
| Expense | 4 |
| Tool | 7 |
| Meter | 10 |
| Apparatus | 11 |
| Winter Street | 12 |
| General Service | 13 |
| Fractional HP. Motor | 31 |
| Transformer | 32 |

L. C. S. SWAGER, *Safety Engineer.*

## Absent Employees

James Nelson, employed in the Transformer Dept., is now at his home, 1911 Pine Street, recovering from an operation. He reports that he is feeling fine and is expecting to return to work soon.

Robert Kessens, of the Apparatus Dept., Bldg. 19-2, is a patient at the St. John Hospital recovering from an operation. His condition is quite favorable and we hope he soon may be able to return to his home at 609 Edgewater Ave.

Howard Bowsman, of the Meter Dept., Bldg. 26-4, is at his home on R. R. No. 6 recovering from injuries received from a fall. As he is improving, we hope it will not be long until he is able to return to work.

Claude Johnson, an employee of the Radio Dept., Bldg. 26-2, is confined to his home at 3216 Broadway by injuries received in a hunting accident. It probably will be some time before he is able to return to work.

Mildred Kessler, of the Meter Dept., Bldg. 19-5, has been unable to be at work for several weeks because of ilness, but we hope that she will soon improve and be able to resume her duties here at the G-E.

Sarah Borings, of the Meter Dept., Bldg. 19-4, is now at her home at 440 Baker Street recovering from an operation. She reports that she is getting along fine and expects to return to work soon.

Reinhold Mertz, of the General Service Division, who is now at his home, 1514 Maumee Ave., recovering from an operation, thinks it will not be very long until he is able to return to work.

Thelma Wren, of the Meter Dept., has been absent for several weeks following an operation. She informs us that she is feeling fine and already is looking forward to the time when she will be able to return to work.

L. P. Wright, of the Punch Press Dept., Bldg. 22, is confined to his home at 3014 Gay Street. Although his condition has improved it probably will be some time yet before he is able to return to work.

Daniel Niereiter, employed in Bldg. 12-1, who has been away from work for several weeks because of an injury to his hand, reports that the wound is healing nicely. However, we are sorry to say he thinks it may be some time before he is able to return to work.

Adele Weitfeldt, of the Meter Dept., Bldg. 19-5, who has been confined to her home at 1307 Stophlet Street for the past two months by an attack of rheumastim, is improving.

Edna Huge, of the General Service Division, who underwent an operation at the Lutheran Hospital recently, seems to be recovering rapidly, and we hope she will be able to return to her home at 911 Wilt Street before this issue of the G-E NEWS is distributed.

# "Away Down South In the Land Of Cotton"

## *This is the Region Where Southeastern Power and Light is Bringing the Boon of Abundant Power*

**A TEMPLE OF BUSINESS**

**Beautiful Home Office Building of the Alabama Power and Light Co.**

THE South of the cotton fields, melon patches, and colorful plantation life, is rapidly being replaced by an industrial South of humming textile factories, slender nets of transmission lines, and man-made Niagaras for the generation of power. Take Georgia, for example, which has always been regarded as an agricultural state. In 1926, the value of manufactured products led by over five hundred millions of dollars the total value of all the crops, cotton, corn, tobacco, peaches, apples, peanuts, and watermelons. The textile products alone were of greater value than the agricultural products.

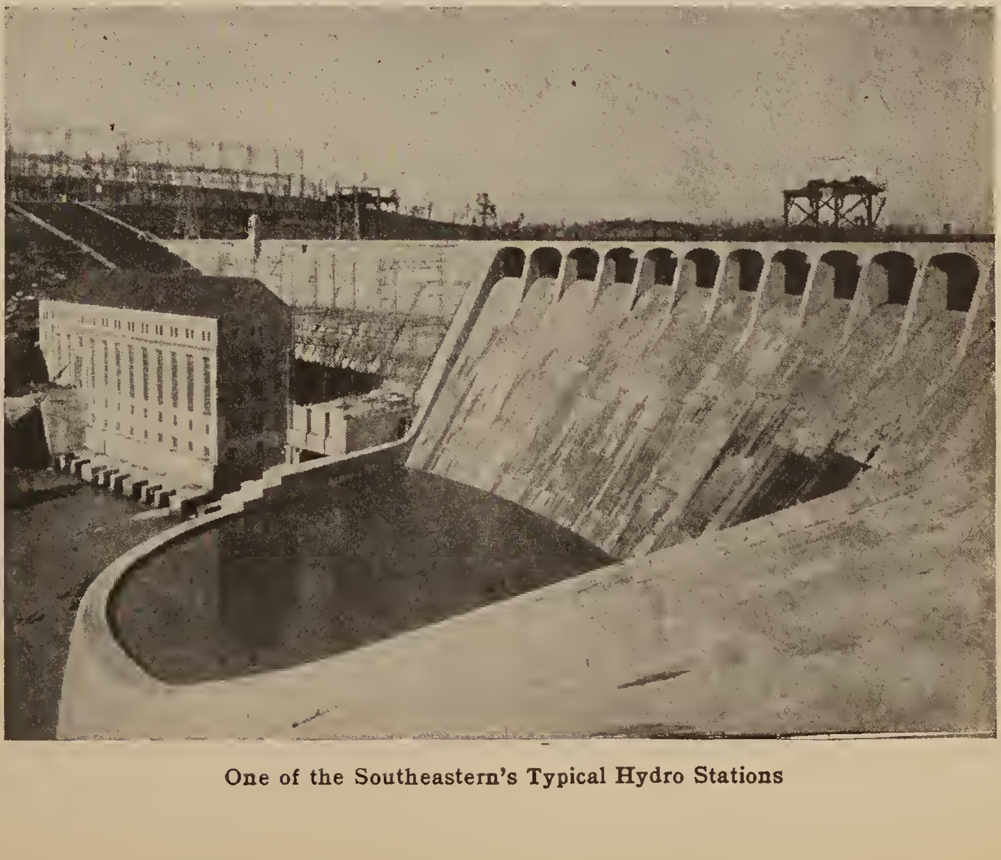
The passing of the old South is deplored by many. But the old romance of the slave days is being superseded by a new kind of romance. Now the slave is electricity. It picks cotton as the old slaves did, only more quickly and cheaply. It also goes beyond and spins and weaves the cotton. It mines coal, grinds corn, turns the potter's wheel and glazes his ware. It helps make fertilizer, cottonseed oil, machinery, furniture and leather. It furnishes light, far superior to that of the old tallow candles, and carries burdens that hundreds of mules and slaves could not even budge.

The Southeastern Power and Light Co., which includes the Alabama Power Co., and the Georgia Power Co., supplies a great part of this magic slave power. Its network spreads from the edge of South Carolina, through Alabama and Georgia, skirting Florida, and running over into Mississippi. Because of the inter-connected systems there is no fear of a power famine.

The story of the Alabama Power Co. illustrates in a startling way the transformation. As late as 15 years ago, the great quantities of cheap coal that poured from the region about Birmingham made the men who had money to invest in electric power projects, shake their heads. "It is impossible to compete," they said. But the Alabama Power Co., then serving three municipalities, a brick plant and a cement plant, with a total load of about 6500 hp., forged slowly ahead, until today its connected load is about 813,000 hp., distributed over 5190 miles of transmission lines, serving almost 500 industries that represent 19 different types. Incidentally, the Birmingham coal mines that once threatened to kill the electrical industry are now completely electrified.

In Georgia, the remarkable industrial development has been closely allied with the growth of its public utilities. The abundance

(*Continued on page 8*)



**One of the Southeastern's Typical Hydro Stations**

# Behind the "Mike" at KOA

By F. H. Talbot, *Manager*

A TRUSTY at the Arkansas State Penitentiary violated the honor code and escaped. The escape jeopardized the entire honor system. The other inmates of the institution asked us to broadcast for the escaped convict. After approval of the warden of the penitentiary had been secured, the description of the convict was broadcast. Inside of an hour, the man was apprehended at McLeod, North Dakota, a thousand miles from our station, on information given by a merchant who recognized in the description a man who had been in his store that morning. The honor system was saved at the penitentiary, and among my most treasured souvenirs is a letter of thanks signed by "the boys" from Arkansas.

A meadow lark changed an announced schedule, once. He perched on a pole outside an open studio window and poured out his soul in song, as only a meadow lark can. A quick-witted announcer cut off the regular program, turned the "mike" to the window, and KOA was swamped with enthusiastic letters.

Odd requests daily pour in upon us. A rancher from near Rawlins, Wyoming, coming to Denver, one night, hired a taxi, rushed out to the station, and requested us to broadcast a message to his wife on a remote Wyoming ranch, asking her to shut the chicken house door, which he had inadvertently left open.

A woman poultry fancier at Lamar, Colorado, wired us to broadcast for a missing turkey gobbler, and a lady at Boulder, Colorado, asked us to have all the proceedings of the Democratic Convention at Houston broadcast at night instead of during the day so that she could get up a radio party for her friends.

A special Australian program was featured in June of last year. All stations at Sydney, Australia, declared a silent night to better the reception condition there. The program consisted entirely of works by Australian composers. The distance between Sydney and Denver is approximately 9000 miles. That broadcast brought 15 letters and one cablegram from the city on the other side of the globe. The program was put on the air at midnight, Saturday. It was received at Sydney at 7 o'clock, Sunday evening. It was summer here, and winter there. Incidentally, the Australians requested us to ask their commissioner at Washington, Sir Hugh Denison, "to run over to Denver from Washington for the night and give a little talk for his countrymen."

Radio gives new conceptions of time and space. It has taught me that Reno, Nevada, is west of Los Angeles; that Alaska is one hour west of Pacific Coast time, and that practically all of South America is really east of New York City.

A sergeant of Northwest Mounted Police wrote from the farthest named point of land in northern Canada to thank us for programs which, he said, were received there with great frequency and clearness. He apologized for not writing sooner, but stated that there was mail service at that particular point *but once a year.* Another letter from within the Arctic Circle stated "this letter has to travel 500 miles by dog train before it reaches the *nearest* post office." From the capital of Colombia, South America, came a letter from a man who threatened to wreck our station if we ever broadcast any more

"Mammy songs" about the desirability of living in the sunny South, while he was sweltering in the heat at Bogota, almost directly at the equator.

Through broadcasts from this G-E station, over 100 lost persons have been discovered for their friends and relatives. Most of these were victims of the late war—shell shocked soldiers, and others suffering from amnesia.

When President Coolidge pressed the button at Washington which blew out the last rock in the Moffat Tunnel under James Peak and joined the East and West by the longest tunnel in America, we broadcast the event from the heart of the earth. There were 3000 feet of rock overhead. We were 6000 feet up in the air and more than 18,000 feet from the nearest portal, east or west. Workmen carried sticks of dynamite around us as carelessly as one might handle kindling wood. Douglas fir timbers, two feet square, were shivered like toothpicks by the terrific pressure of rock. The governor of Colorado greeted a representative of the governor of Utah here in the heart of the Rockies. It was generously suggested by the announcer on duty that, under the circumstances, any tremor in the voices of the distinguished gentlemen who spoke over radio on this occasion be not necessarily attributed to "mike" fright.

In co-operation with the Colorado State Department of Education, we have been broadcasting for a year supplementary talks especially designed to assist rural schools. These broadcasts have made the best culture of the metropolitan center available to the most remote rural district. United States Commissioner of Education, John C. Tygert, said in his characteristic way that "your plan beats the moonlight schools of Kentucky all hollow." Many rural schools in Colorado have installed large radio sets to pick up this weekly information.

Radio as a service institution will be indispensable in the future. An official of the United States Department of Agriculture from the state of Wyoming wrote, some time ago, stating that in his estimation daily weather, market and stock reports broadcast from this G-E station saved the farmers of Wyoming one-half million dollars annually.

A rancher near Pueblo whose receiving set was temporarily out of commission failed to receive our weather report of a sudden zero wave about to descend on the southern part of Colorado. He lost 20 head of blooded cattle. The next day he bought the best radio set on the market as he said, "for future insurance."

Our Farm Question Box and the supplementary work of Extension Service of the Colorado Agricultural College bring the best of modern information directly to the farmers and ranchers in the very large agricultural territory surrounding the station.

*Most of us hear a great deal about WGY, General Electric's eastern broadcasting station. Not so many hear of the doings of KOA, General Electric's station located at Denver. Mr. Talbot's article should broaden our knowledge of our Company's radio activities. Incidentally it shows that there is romance in the broadcasting director's job.*

Housewives' matinees, book reviews, and certain educational classes are of real service to thousands. Many times the entertainment features are no less valuable in their cultural aspect.

Radio offers many unique opportunities to carry the message of interesting communities to the entire nation. A program from our station dramatizing the life of Buffalo Bill (whose body lies on Mount Lookout, overlooking Denver) brought 9000 communications from radio listeners representing every state in the Union except one, seven Canadian provinces, and three foreign countries.

As a result of a radio Rodeo dramatizing the famous frontier days of Cheyenne, came more than 2000 communications. This was a summer broadcast. A Cliff Dweller dramatization of southwestern Colorado brought a request from the *Christian Science Monitor* for the entire story, and an editorial comment from *Radio Broadcast* that those who failed to hear this Cliff Dweller dramatization missed "the biggest thing on the air in America that night."

The inter-mountain territory is redolent with the atmosphere of adventure, romance, and mystery. It is the oldest and newest land in America. Recently, I stood in a church near Albuquerque which was old in tradition before the Pilgrim fathers landed at Plymouth Rock.

To this land of lure and mystery came Coronado in search of the Seven Cities of Gold. Here, at one time or another, lived and fought the bloodthirsty Apache, and many other Indian tribes.

Great pathfinders and pioneers left the stamp of their adventurous spirit. Fremont, Long, Lieutenant Pike, Kit Carson, Parson Bill Williams, Jules St. Vrain, Wild Bill Hickok, Buffalo Bill, and great Indian chiefs such as Yellow Hand, Sitting Bull, and Ouray. Colorful, if not desirable, road agents and bandits such as Slade and Billy the Kid nicked their guns with great frequency and populated the famous Boot's Hill cemeteries with their victims.

Geologically, sections of the inter-mountain territory are extremely interesting. High up on the tallest peaks (25 of which are higher than Pike's Peak) are the fossil remains of marine animals. During the mesozoic age, the 80-foot dinosaur roamed the land and occasionally left his bones where they have since been discovered by scientists. Twenty-ton lizards decorated the scenery.

These and other interesting facts of the glamorous West we are planning to dramatize and capitalize in a series of broadcasts.

KOA, at its inaugural four years ago, was dedicated to the service of the people of the inter-mountain district. It has been the endeavor of the station management to adhere constantly to that high policy and purpose. During four years' operation, approximately 200,000 letters have been received, more than 98 per cent of which have given generous approval.

# Here and There With the G-E Camera Man

This model locomotive is an exact reproduction of the huge electric locomotives built by G-E for the Chicago, Milwaukee and St. Paul

A portion of the Rome-Naples railway near Naples, Italy, electrified by the Italian G-E

Pushing the G-E monogram through the wilds of Honduras for an electrification of a banana plantation

A replica of Edison's first practical incandescent lamp reconstructed by G-E lamp engineers

Thomas Edison was presented the Congressional Medal of Honor by Andrew Mellon, Secretary of the Treasury, at the annual Edison Night broadcast by G-E

Banks of floodlights set up by G-E engineers at Lynn for a night trapshoot. The little shack in the center is the traphouse

The gunner's stand at the Lynn night trapshoot. The problem for G-E engineers was to make good sighting possible without blinding the gunners

# *Around the World with General Electric*

### Honduras

Yes! We have bananas—and G-E motors helped to produce them. No! they are not synthetic bananas—the G-E motors only turned the pumps that irrigated the land on which the bananas grew. The planters found that the irregular rainfall, a very wet season followed by a very dry season, was causing damage to the crops, and decided to try an irrigation system. After a technical investigation, the system was introduced and found very successful. The G-E motors, because of their reliable performance, have proved to be a very vital factor in the success of the experiment. In this same territory, there is the Cuyamel Fruit Co., that has an electrically operated sugar mill, and a power station that supplies light for the community and power for irrigation. The G-E is responsible for this electrification also.

### Brazil

In addition to the Brazil of the jungles and large snakes, there is a new Brazil that is quite as modern as New York or Chicago. In Sao Paulo there are skyscrapers, large theaters, an opera, trolleys, buses and all that is considered necessary to any of our large cities. The International G-E received an interesting order for Duplexalites to be installed in the new theater being built in the Martinelli skyscraper. These lights were ordered unfinished, in order that the customer might finish them in accordance with the general decorative scheme of the theater.

### France

In spite of high import duties and shipping costs, G-E equipped products are being shipped in ever greater quantities abroad. This alone is a high compliment to the quality of our products and would seem to indicate that they are more highly efficient and economical than those of our European competitors. A whole carload of washing machines and ironers, all fitted with G-E equipment, was recently shipped from Chicago to the French Thomson-Houston Co.

### With The Atlantic Fleet

The U. S. S. *New Mexico*, the first electrically-propelled battleship in the world, has been awarded the highest prizes of the United States Navy for excellence in performance for the year 1927-28. She has been awarded the honor trophies in battle efficiency, gunnery, engineering and communications, a record never before attained by any battleship. This is the second time the *New Mexico* has won the battle efficiency pennant, a record duplicated by only two other ships. The *New Mexico*, in winning the engineering trophy this year, establishes still another record. She is the first to have won this coveted prize three times. Such a remarkable performance speaks well for electric equipment manufactured by General Electric. In addition to the equipment on the *New Mexico*, G.E. has furnished the electric drive on five more of Uncle Sam's capital vessels, the *West Virginia*, *California*, *Maryland*, *Lexington* and *Saratoga*, the latter two being airplane carriers.

### Lynn

Night football games, baseball games and soccer matches are now no novelty, but a night trap shoot marks a distinct advance in the art of outdoor lighting. For not only must the whole range of vision in which the little black and yellow clay birds come hurtling be lighted at an intensity closely approximating daylight, but also the gunners' stand must be lighted so as to permit proper sighting without their being blinded. The G-E lighting engineers who equipped a Lynn shooting club as an experiment, were quite successful in overcoming these difficulties. They not only lighted the range of the birds but also lighted the hill that backs the range in order to make the black outlines of the birds stand out. And to prevent a glare in the eyes of those shooting they set all the lamps behind them. The men turned in excellent scores and are interested in making night shooting a regular thing.

### Havana, Cuba

The equivalent of a railroad bridge between Havana and New Orleans is now under construction. Refrigerator cars can soon be loaded in Cuba and the fruit need not be touched until it reaches its destination, whether it be New York or San Francisco. Two huge freight car loading cranes of unusual design—the first to be designed for lifting entire freight cars in and out of ships—are now being built for the Overseas Railway Co. These cranes will be installed on the piers at New Orleans and Havana. A special ship that will be able to handle about 95 refrigerator cars is under construction in England. The cranes will be completely electrified with G-E equipment. The hoist will be rated at 105 tons, driven by two 250-horsepower enclosed mill type d-c. motors with magnetic control. This control can be shifted from the ship to the dock as it is needed.

### Chile

The Chile Exploration Company, whose business it is to dig copper out of the Andes mountains, has favored G-E with an order for two 500-kw. motor-generator sets and switchboard duplicating others in their plants.

### Niagara Falls

Modern Indians need not fear that they cannot reach the Happy Hunting Grounds because they are not allowed to follow out their ancient rites. According to a legend, each year as a sacrifice, a beautiful Indian maiden was swept down the river and over the falls. Of course, this practice has long been in disuse. But recently W. D'Arcy Ryan, director of the G-E illuminating laboratory, in a demonstration before the First World Congress on Illumination, projected an image of a maiden on the spray below the falls. He used a searchlight rated at 60,000,000 candlepower, which was intensified nine times to project the image from a plate. A battery of twenty-four searchlights each rated at 60,000,000 candlepower was used as auxiliary equipment in the demonstration.

# Buying Supplies for the G-E Family

## *Sapphires and Steel, Rubber Bands and Ivory, Exotic Woods and Pig Iron, are Some of the Materials Used in G-E Factories*

IN a paper read by L. G. Banker, purchasing agent of our Company, at Association Island, the topic being an exposition of a purchasing department, specifically, our Purchasing Dept., he enumerated some items of materials imported, among them, elephant tusks.

"What under the sun do they use elephant tusks for in the General Electric Company?" asked an astonished member of the audience.

The superintendent of the West Lynn Works, for which the tusks had been purchased, answered the question by explaining that for a certain type of meter, it had been found that only ivory would meet the requirements for certain small insulating parts; hence the purchase of ivory tusks.

This is but one of the thousands of items of an amazing variety and quantity of different things which the General Electric Purchasing Dept. is required to provide in the course of a year. Few people realize the vast quantities of certain materials which go into the finished G-E products. And very few realize the tremendous variety of things which must be bought. A glance at a glistening new refrigerator, meter or transformer, or any one of the hundreds of things manufactured in G-E plants, gives no idea of the quantities of steel, coal, copper, jewels, tropical gums, cotton and other substances which are consumed in the process of manufacture. Yet the Purchasing Dept. knows. It knows, because its task is to provide all of these raw materials of right quality, required delivery service and proper price.

The Purchasing Dept. purchases regularly materials derived from Asia, Africa, South America and the Pacific Islands that one would never associate with the electrical industry. Who would imagine that our Company uses over a ton of rough sapphires every year? Yet this huge quantity is required for bearings in the delicate meters and other instruments manufactured in several plants. And we must have a considerable quantity of diamonds, for use in certain cutting operations, since diamonds are the hardest substance known. The jungles of South and Central America, densely populated China and the islands of the Pacific provide gums and resins for use in preparing insulating materials, varnishes and flux.

Ships from the Orient come bearing all kinds of wood, including mahogany, lignumvitae and balsa to be made into cabinets and cases, or for use in certain experimental work. And our great research laboratories must have their platinum crucibles, and their quantities of smelly, mysterious chemicals. From the platinum mines of the Ural Mountains in central Europe, from the nitrate beds of far-away Chile, from the oil fields and from coal mines, there comes a steady stream of materials which will help improve G-E products even beyond their present state of efficiency.

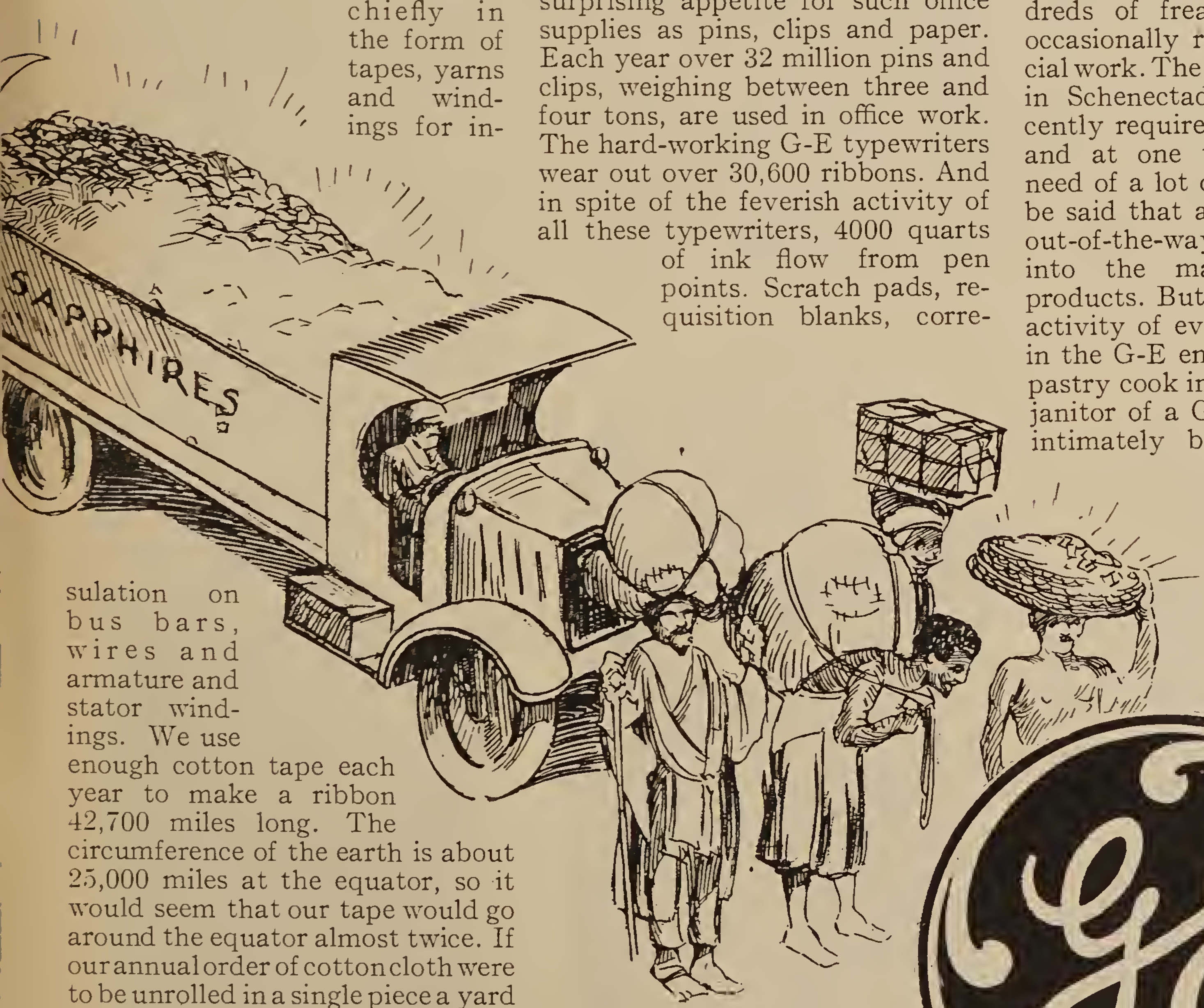
And the quantities of the more ordinary materials make just as striking a story as the variety of the more unusual products. The matter of lumber, for instance: from the pine forests of the south and the Pacific coast, the hardwood forests of the north, our Company annually draws a total of 43,400,000 board feet of lumber. This wood is used in packing, in the pattern shops and for a hundred different purposes.

The iron mines of Michigan and elsewhere send us 121 million pounds of iron each year in the form of pig iron or castings, and the huge steel mills are busy making 400 million pounds of steel a year for use in the making of our apparatus. From the copper mines of nearly the entire world, we buy annually almost 113 million pounds for drawing into wire and general alloyed metals. The mines of Colorado and Mexico send us at least 15 million pounds of pig lead. India and the Company's own mica mines send a steady stream of this glistening substance, used in large quantities for insulation, to the G-E factories. The rubber groves of the tropics are called upon for four million pounds of their produce every year.

By what marvelous mechanism is all this material, so diverse in character, brought to our plants? All modes of transportation must be called into play; all ocean lanes traversed, all railroads utilized. The task of getting these materials to us when they are needed is in itself a problem of tremendous proportions.

And from these various materials, by the magic of industry, and through the co-operation of research scientists, engineers and factory workers, we make the motors and generators of industry, the meters, refrigerators, the radios and the electric lamps which are doing their share to increase the comfort and happiness of mankind.

In this age of silk stockings, one might well wonder what is happening to the cotton that is no longer used to cover the body. One answer perhaps is that the industries are using more and more of it all the time. This is true, at least, so far as the electrical industry is concerned, for in our G-E factories cotton is used in enormous and ever-increasing quantities. Cotton is of value in our industry chiefly in the form of tapes, yarns and windings for insulation on bus bars, wires and armature and stator windings. We use enough cotton tape each year to make a ribbon 42,700 miles long. The circumference of the earth is about 25,000 miles at the equator, so it would seem that our tape would go around the equator almost twice. If our annual order of cotton cloth were to be unrolled in a single piece a yard wide, it would run from Baltimore, Md., to San Francisco with enough left over to encircle San Francisco Bay. 2,200,000 pounds of cotton yarn is in one way or another wound about G-E products.



But all these raw materials could not be put together as finished products without the help of the offices, the nervous system of industry. And this system has a surprising appetite for such office supplies as pins, clips and paper. Each year over 32 million pins and clips, weighing between three and four tons, are used in office work. The hard-working G-E typewriters wear out over 30,600 ribbons. And in spite of the feverish activity of all these typewriters, 4000 quarts of ink flow from pen points. Scratch pads, requisition blanks, correspondence, wrapping paper, and so on, require about eight million pounds of paper. Some 2800 pounds of rubber bands are needed. A careful statistician has computed that if all these rubber bands were tied together and stretched to the limit, they would reach from New York to Key West, Florida. He hesitated to say how far they could be snapped. Another indication of the activity of the typewriters is the enormous consumption of carbon paper. We use almost 9,500,000 sheets a year, which if laid out flat would cover approximately 5,744,340 square feet. This is but slightly less than the total floor space of the Schenectady Works.

*L. G. Banker, purchasing agent of the Company is a member of the G-E Quarter Century Club, having been associated with the Company for more than 40 years. The efficiency with which this department handles its difficult task is largely due to his efforts in building it up. Every member of the department, says Mr. Banker, is an ardent believer in the motto: "Results—Not Excuses."*

This article, however, cannot give anything like a complete survey of the activities of the Purchasing Dept., and of the Order and Stores Depts. in the various Works which are affiliated with it. It cannot hope to cover the hundreds of freak items which are occasionally required in some special work. The Research Laboratory in Schenectady, for instance, recently required a human skeleton, and at one time was in urgent need of a lot of white rats. It may be said that all these unusual and out-of-the-way items do not enter into the manufacture of G-E products. But they do, just as the activity of every man and woman in the G-E employ, whether he be pastry cook in a G-E restaurant or janitor of a G-E office building, is intimately bound up with the Company's work.

Nor can this article give any hint of the difficulties of the task of the Purchasing Dept. Enough that it does a good job.

# G-E Will Sell Electrical Equipment to Russia

THE International General Electric Company and the Amtorg Trading Corporation, of New York, announced recently that they had signed, under date of October 9th, a contract covering the supply of electric apparatus for export to the Union of Soviet Socialist Republics (Russia.)

The contract provides for the purchase on the part of the Amtorg Corporation of not less than $5,000,000 or more than $10,000,000 worth of apparatus and material during the first two years. A payment of 25 per cent is required before shipment of the materials and the balance is to be covered by trade acceptances falling due within a period of five years from date of shipment.

Provision is made upon the satisfactory completion of the purchases during the first two years for the continuation of the contract for a further period of four years, involving purchases of not less than $4,000,000 annually.

The contract and all acceptances bear the unconditional guarantee of the Russian State bank.

"Negotiations resulting in this contract have been carried on for more than a year with the knowledge of the State Department," Clark H. Minor, president of the International General Electric Company, explained. "We have satisfied ourselves that there is nothing in the contract which conflicts in any way with the policy of our government, with which we are in entire accord."

When asked whether the contract covered the settlement of claims of the International General Electric against the Soviet Republic, Mr. Minor said:

"Provision is made upon the completion of this contract for the settlement of all claims of our Company against the Soviet Government arising from decrees and actions of that government with regard to the nationalization or annulment of property rights relating to our interests in Russia. Our claim is approximately one and three quarter millions of dollars."

## "In the Cotton Fields"

*(Continued from page 1)*

of cheap, dependable hydro-electric power created new industries and revived old ones. When the Georgia Power Co. extended its operations to a new territory, the territory flourished. Its dependability and fairness holds the respect of its customers.

The soundness of the Southeastern Power Co. is well revealed by the figures in its last report. In 1927, it extended its service to 116 additional communities; the supply of electric power was increased 12½ per cent; more than $43,000,000 was spent for extensions and improvements of service. And in spite of this great expansion, the increase in revenue exceeded the increase of all operating expenses by three millions of dollars. This gives the company an ample margin for further progress and gives it an enviable position in the financial world. The G.E. Employees Securities Corporation owns some of its securities. Such securities as these help to establish a firm basis for the Securities Corporation bonds.

**SLOW—DIFFICULT**

Clothes were once cleaned by rinsing and beating with a wooden paddle. It was hard on the woman, and hard on the clothes.

**A LITTLE BETTER**

The next step was a central place, where the women gathered to do their washing. It wasn't much better.

**THE SCRUBBING BOARD**

Then the scrubbing board. It meant hours of back-breaking toil, with bruised knuckles at the end of the day.

## American Red Cross Holds Twelfth Roll Call

THE twelfth annual roll call of the American Red Cross was launched on Armistice Day, November 11th, and continues until Thanksgiving, which this year is November 29th. It is an invitation to every American to join and by membership, help support the year around activities in behalf of the whole country.

The two outstanding demands on Red Cross service are disaster relief, and assistance to disabled veterans, men still in the various armed services, and their families, along lines not otherwise provided for by the Government, or any other agency.

In the fiscal year closed June 30th, last, the Red Cross served in more than 100 disasters over the country. In the same period, it assisted in various ways an average of 40,333 disabled veterans each month.

There are other services of the Red Cross; First Aid instruction by its experts is in demand in every important industry; resuscitation methods are taught all year, throughout the United States, to curtail drowning accidents; its health services are found at work in isolated communities as well as in populous cities. Thousands of people render volunteer service in many fields of Red Cross work.

It is the greatest single organized force for humanitarian purposes in the world.

## Orders Received Show Good Increase

ORDERS received by the General Electric Company for the three months ended September 30th, amounted to $90,328,666, compared with $77,420,263, for the corresponding quarter of 1927, an increase of 17 per cent, President Gerard Swope has announced. For the nine months ended September 30th, orders received amounted to $260,686,463, compared with $233,076,091 for the first nine months of last year, an increase of 2 per cent.

Sales billed for the first nine months of 1928 amounted to $242,676,762.07, compared with $225,959,610.89 for the corresponding period last year. Profit available for dividends on common stock for the first nine months of 1928 was $38,841,625.31 compared with $35,193,054.70 for the same nine months last year.

The profit available for common stock for the nine months is equivalent to $5.12 per share in 1928, and $4.61 per share in 1927 on the 7,211,481 shares.

A comparative statement of sales billed and earnings for the nine months follows:

| | 1928 | 1927 |
|---|---|---|
| Net sales billed | $242,676,762.07 | $225,959,610.89 |
| Less: Cost of sales billed, including operating maintenance and depreciation charges, reserves and provision for all taxes | 213,350,234.64 | 198,796,918.11 |
| Net income from sales | $ 29,326,527.43 | $ 27,162,692.78 |
| Other income, less interest paid and sundry charges | 9,515,097.88 | 8,030,361.92 |
| Profit available for dividends | $ 38,841,625.31 | $ 35,193,054.70 |
| Less: Cash dividends on special stock | 1,930,975.35 | 1,930,813.50 |
| Profit available for dividends on common stock (7,211,481 84/100 shares issued) | $ 36,910,649.96 | $ 33,262,241.20 |

SET TUBS

Set tubs were an improvement—made the job somewhat easier. But still, clothes were cleaned by main strength.

AN EARLY MACHINE

The old hand-power washer was an improvement—the machine did much of the work. But it still involved plenty of heavy labor.

AND NOW!

The washing machine driven by a G-E motor does the job for a few cents a day. Electrical workers help to lighten the world's work.

# What We're Thinking About

## Nobody Uses a Spoon To Shovel With

TWO men stood on the sidewalk and watched a large power shovel at its work.

With a clatter and a roar the huge machine bit into the steep bank, chewed off a cartload of dirt and rock, and dumped it into the waiting truck.

"It makes me mad," said the first onlooker, "to see that monster taking the bread out of good men's mouths. Look at it! Why, it's filling up those trucks faster than a hundred men with picks and shovels could do it!"

The other man turned, and shook his head.

"See here, mister," he said. "You say it would be better to have a hundred men with picks and shovels on this job. Wouldn't it be better still, by your way of thinking, to have a thousand men on the job using tablespoons instead of shovels?"

When the second man made that blunt reply, he summed up in a few words the mistake which so many people make when thinking about machinery. When a new labor-saving device comes into use, many cry out that it is putting men out of work, and that it should not be allowed.

That these people are wrong becomes perfectly plain when the problem is put in another way. Every time a machine is introduced for a new operation, mankind is released from just that much more drudgery. A recent series of General Electric advertisements made this clear by asking: "Are you doing work which an electric motor could do for a few cents a day?"

Just what happens when a machine is put to a task which formerly required the services of many men and women? The answer was given in a short article last month entitled, "Making New Jobs." Briefly, facts show that for every job that is made obsolete by labor-saving machinery, a new, and more interesting, job arises to take its place. Too many jobs are still in the tablespoon class.

## A Compliment

*"Not only the country and the Navy, but the General Electric Company, has every reason to be proud of the performance of the U.S.S. New Mexico. This battleship, commanded by Capt. E. B. Larimer, U.S.N., has been awarded the honor trophies in battle efficiency, gunnery, engineering, and communications, a record never before attained by any vessel of her class and deserving the high commendation given to her commander, her officers, and her crew. The General Electric Company furnished the electrical equipment of the vessel, and its character and service are attested by the performance given. An important unit of our National Defense, the General Electric Company should have the hearty support of the Government, especially in view of the fine success achieved in the case of the New Mexico, the first of her class to be electrically propelled. The experience gained with the New Mexico unquestionably will be valuable in connection with future construction."—Army and Navy Journal.*

## Practical Thanksgiving

THE season draws near when it is our custom to pause in the daily round, that we may give thanks. It is an old custom, Thanksgiving is, and a fine one. For it brings, even to those who are in sorrow, the realization that there is much to be thankful for. None of us may hope to live a life of perfect happiness. Yet in the lives of us all there has been much of happiness, mingled though it may have been with pain, and disillusionment, and sorrow.

There is another custom, which is not so old, but which is well worth while. It is the custom of holding every year around Thanksgiving time, the annual Red Cross Roll Call. Membership in the Red Cross costs one dollar. Anyone may join. And every member may be assured that the dollar he has contributed will go toward the relief of distress and suffering among those who are less fortunate than us.

And we might mention the Christmas Seals, which cost a cent apiece, and which it is the custom to place on the Christmas packages and messages of good cheer which will soon be going through the mail. The proceeds from the sale of these stamps are used in the gallant fight of the National Tuberculosis Association against tuberculosis.

These two causes are very much worth while. The cost of contributing to them is small. Let us all do our share!

## Safety Contest Close

THE contest is getting very close in some places. Bloomfield is but 1.6 per cent ahead of Baltimore, Bridgeport leads Fort Wayne by 1.5 per cent, and River Works leads Schenectady by a slim 1.7 per cent. Pittsfield has jumped to Division 1, ousting Fort Wayne. York still maintains a clear record for the year.

The standing of the plants is as follows. An asterisk denotes improvement over the previous month.

| DIVISION 1 | DIVISION 2 |
|---|---|
| York | Fort Wayne |
| *West Lynn | *New Kensington |
| *Philadelphia | *ALL PLANTS |
| *Bloomfield | *Erie |
| Baltimore | *Oakland |
| *Pittsfield | *River Works |
| Bridgeport | *Schenectady |

## Patents Granted

THE following patents have been granted in the names of G-E employees by the United States Government:

*Schenectady:* H. J. Nolte, electron discharge devices; C. L. Perry, controllers; H. G. Reist, rotors; W. L. Carlson, amplifying systems; J. H. Hilliard, electric switches; J. I. Hull, automatic control of dynamo-electric machines; E. W. Kellogg, radio receiving systems; C. H. Heisler, enameling ovens; L. P. Hutt, motor-control systems; A. N. Otis and L. F. Woolston, Richmond Heights, Mo., furnaces; R. J. Parsons, turnstile-control mechanism; W. E. Paul, electric switches; C. Steenstrup, ring members and methods of making same; E. D. Cook, synchronism-indicating means; R. E. J. Daly, sound-producing apparatus.

*Lynn:* A. L. R. Ellis and C. W. Greene, control of ordnance; J. A. O'Neil, means for suppressing harmonics; A. L. R. Ellis, piezo-electric devices.

*Cleveland:* F. C. Perkins, vibration meters; N. Pipkin, electric lamp bulbs; I. H. Van Horn and W. A Pipkin, automatic cut-outs for electric incandescent lamps.

*Bloomfield:* T. O. Moffit, Chicago, and R. K. Braunsdorff, precision-basing machines for incandescent lamps and similar articles; W. R. Burrows, electric lamps.

*Pittsfield:* E. D. Eby, insulated cable joints; W. S. Moody, electrical apparatus.

*Erie:* W. W. Brown, methods of making contact tips.

A Missouri woman sent this testimonial to a radio station in her vicinity.

"Since your station started broadcasting our cat sleeps in the barn."

—*Boston Transcript.*

## Death Claims Paid During September, 1928

FOLLOWING are the death claims which have been paid to beneficiaries of holders of G-E insurance, both free and additional, during the month of September. The total claims paid during the month were $84,476.86.

| Years | Date of Death | Employees | Age | Beneficiary | Free Ins. | Add'l Ins. |
|---|---|---|---|---|---|---|
| *Schenectady Works* | | | | | | |
| 5 | Aug. 17 | John G. Roche | 23 | Mother | Yes | Yes |
| 18 | Aug. 18 | Leon E. Grandy | 35 | Wife | Yes | Yes |
| 35 | Aug. 25 | Frank M. Mountain | 51 | Wife | Yes | Yes |
| 22 | Sept. 3 | Gardner Bouck | 57 | Wife | Yes* | Yes |
| 32 | Sept. 7 | James D. Bolan | 68 | Wife | Yes* | Yes |
| 12 | Sept. 11 | Joseph Ortoleva | 41 | Wife & Sons | Yes | Yes |
| 28 | Sept. 12 | Louis Phillips | 66 | Wife | Yes* | Yes |
| 25 | Sept. 19 | Robert C. Graham | 51 | Wife | Yes | Yes |
| 25 | Sept. 23 | Stanislaw Marchewka | 49 | Wife | Yes | Yes |
| 3 | Sept. 24 | Melvina M. Weast | 37 | Husband | Yes | No |
| *River Works* | | | | | | |
| 18 | Aug. 18 | Ransom E. Smith | 58 | Wife | Yes | Yes |
| 3 | Aug. 24 | Elizabeth J. Hamilton | 37 | Husband | Yes | Yes |
| 6 | Sept. 3 | Thomas O'Connor | 52 | Estate | Yes | No |
| 12 | Sept. 17 | Fred H. Frothingham | 46 | Wife | Yes | Yes |
| 11 | Sept. 21 | Margaret G. Murphy | 30 | Mother | Yes | No |
| *Pittsfield Works* | | | | | | |
| 10 | Sept. 22 | Andrew Bunt | 66 | Wife | Yes | Yes |
| *Erie Works* | | | | | | |
| 9 | Aug. 11 | Edward F. Mellinger | 65 | Wife | Yes | Yes |
| 5 | Aug. 12 | Anthony Wisniewski | 51 | Wife | Yes | Yes |
| *Fort Wayne Works* | | | | | | |
| 4 | Sept. 11 | Gordon A. Anderson | 39 | Wife | Yes | Yes |
| *Bloomfield Works* | | | | | | |
| 4 | Sept. 17 | Walter Davidson | 40 | Wife | Yes | Yes |
| *Bridgeport Works* | | | | | | |
| 3 | Sept. 15 | Anthony Sireno | 24 | Mother | Yes | Yes |
| *Baltimore Works* | | | | | | |
| 3 | Sept. 11 | James H. Howard | 43 | Wife | Yes | |
| *I. G. E. Company, Argentine* | | | | | | |
| 6 | April 5 | Arturo Laverne | 50 | Wife | Yes | Yes |
| *Mexico* | | | | | | |
| 8 | Sept. 10 | Maria T. Reyes | 31 | Mother | Yes | **No |
| *General and District Offices, Schenectady* | | | | | | |
| 22 | Sept. 19 | Harvey C. Fairbank | 47 | Wife | Yes | Yes |
| *St. Louis Office* | | | | | | |
| 13 | Aug. 24 | John Bell | 51 | Wife | Yes | No |
| *Chicago Office* | | | | | | |
| 8 | Sept. 10 | Arvid G. Ohrman | 50 | Wife | Yes | Yes |
| *Philadelphia Office* | | | | | | |
| 19 | Sept. 6 | John M. Hayes | 50 | Wife | Yes | Yes |
| Claims paid under Metropolitan Plan | | | 23 | $33.976.86 | 22 | $49.000.00 |
| *Incandescent Lamp Dept.—Travelers Plan* | | | | | | |
| 23 | May 13 | Levi G. Fruth | 66 | Wife & Sons | Yes | Paid in May 1928 |

| | Free Insurance | | Additional Insurance | |
|---|---|---|---|---|
| | No. | Amount | No. | Amount |
| Claims paid month of September, 1928 | 29 | $35,476.86 | 22 | $49,000 |
| Previously reported, 1928 | 233 | 267,984.74 | 209 | 321,500 |
| Total claims paid 9 months, 1928 | 262 | $303,461,60 | 231 | $370,500 |

Total claims paid since November 16, 1925 ........................ $2,247,110.29

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*Reduced by amount of pension payments.

**No additional insurance carried by Mexican G-E Co. employees.

# The Fall Styles in Diseases

## *Designers Forecast a Large Business in Respiratory Ailments During Coming Months*

By H. W. Garton, M.D.

*Coughs and sneezes will be more in evidence now that the season for colds has arrived*

WITH the change in season, the designers of popular diseases are now working on the fall and winter styles, and a forecast of what Mr. Average Man may expect during the fall and winter months is in order. The season for hay-fever, typhoid fever, ivy poisoning and intestinal infections from hot weather indiscretions, bad water, and so on, is fast drawing to a close. A big business in "respiratory infections," or diseases of the breathing apparatus, is being forecast, almost with the same certainty as are death and taxes.

Most people believe very little that they hear, and only about half of what they see. Therefore, the microscopic organisms which cause "colds" go merrily on their way. They are neither seen nor heard, and it is difficult to persuade most people that these invisible organisms are capable of producing such havoc in organisms so much larger than they.

The term "respiratory infections" includes much more than the "common cold." Three youngsters in the same neighborhood became slightly indisposed at the same time, with practically the same beginning symptoms. They all had nose trouble, slightly reddened and watery eyes, appetites that were not up to normal, and bad grouches. The parents all concluded, after comparing notes, that they were just "taking cold," and decided they were just as well off at school as they were at home.

In about a week the mothers compared notes again. One case did not turn out to be a "common cold" but a very severe one; the second developed a rash on about the fourth day and the house where that kiddie lived wore a red card taken from the Measles pigeon hole at the Board of Health office; the third boy was spending much of his time at the table, trying (mostly in vain) to replace what he lost several times a day while clinging to a fence post. The card on his house said Whooping Cough.

The neighbors said the boys had a cold and that one case "ran into" measles, the other into whooping cough. They weren't very accurate in their description.

It is very important to get the right idea about these cases. The point is that the entire group of acute contagious diseases which children get belong to the group of "respiratory infections," and all begin just like common colds, with almost identical symptoms for the first few days. It also happens that these diseases are highly contagious during the period of "sniffles," and while waiting for something to develop these youngsters expose many others to the diseases which they are destined to come down with in a few days. A "cold" never "runs into" measles, or whooping cough, or scarlet fever, or any of these childhood ailments. It is measles, or whooping cough, or scarlet fever right from the start. So you see, since they all look alike at first, it never pays to take risks. The child coming down with what looks like a "cold" should be isolated and given proper attention.

*Next month Dr. Garton hopes to tell in more detail some facts about the "common cold," that commonest of all diseases. He will tell, simply and clearly, just what we should do if we want to avoid them.*

All "respiratory infections" begin as a result of having been in contact with another case. The transfer of the offending germ is effected by means of the droplets of the secretions from the nose and throat of the active case, spread either by coughing, sneezing, or even talking at close range. Some individuals rarely have "colds," probably because of a natural protection they have developed within their bodies. Others have noses which are veritable incubators of invading germs.

There is no specific cure for the common cold although much may be done to prevent complications; medically there is no preventive that is one hundred per cent effective. The most effective weapon to be used to prevent the spread of the common cold and other respiratory diseases is the practice of personal hygiene—preventing the spread of secretions from the nose and throat during all stages of the attack.

Most of us learn to do things best by repetition, which is conducive to the formation of habits. When people form the habit of automatically thinking of respiratory diseases as diseases whose spread they can at least partially prevent by practising personal hygiene—when this practice becomes as common and as automatic as that of avoiding a draft on the back of the neck—then considerable progress should be made in combating this group of diseases, which with their complications, are responsible for almost fifty per cent of all absenteeism in industry.

# GIRLS' SECTION

## Elex Club Elects For Coming Year

ON September 26th the Elex Club for G-E girls held its annual banquet and new officers were elected for the ensuing year. Hilda Walda was chosen president; Lenore Schoppman, vice president; Josephine Magers, secretary; Audrey Ries, treasurer, and Irene Meyers, council representative. At that time it was announced that the club would try out a somewhat different organization this year, and the plant would be divided into four sections, namely: Meter, Transformer, Fractional HP. Motor and Main Office. Each division has a separate organization of general chairman and social, membership and service committees, but all will combine for the various meetings and parties.

In this way more girls could take a responsible part in the activities of the club and relieve the same girls from doing the same work at each meeting. Since the club has nearly three hundred members, as many girls as possible should take an active interest in its affairs and a greater number should share in the responsibilities than has been the case in the past.

### Committes

The executive committee has, therefore, appointed the following general chairmen: Irene Meyers, Meter Dept.; Marie Blough, Transformer Dept.; Lois Miller, Fractional HP. Motor Dept., and Louise Hilger, Main Office. LaVera Vail was asked to take charge of the club's publicity.

The girls who were appointed section chairmen were permitted to select their own committees. The personnel of these committees is given below in order that you may take up with your representative any question about the club that you wish to have answered.

### Meter Department

*Social*: Helen Stahl, chairman, 26-4; Frances Link, 26-4; Josephine Magers, 19-4; Florence Brown, 19-5; Cecile Linker, 26-4; Marie Smith, 19-4; Georgette Ahlsmeyer, 19-5; Demonia Kaehr, 19-4; Florence Case, 19-4, and Esther Kniss, 19-5.

*Membership*: Alma Boerger, chairman; Grace Ressler, 26-4; Irmagarde Gehle, 19-5; Josephine Magers, 19-4; Josephine Offerle, 19-5.

*Service*: Mary Catherine Freiberger chairman, 19-4; Bee Suter, 19-4; Myrtle Strauss, 19-5; Edith Holle, 26-4; Betty Griebel, 19-5.

### Transformer Dept.

*Social*: Hazel Newport, chairman, 26-2; Ladelia Amspaugh, 26-2; Clara Walda, 26-2; Edna Trenary, 26-2; Mabel Kuhn, 26-2; Mary White, 26-2; Lena Shull, 12-1.

*Membership*: Helen Dammeyer, chairman, 26-2; Frieda Brandyberry, 26-2; Valma Hathaway, 26-2; Marie Saaf, 26-2; Bessie Chapman, 26-2; Hazel Fahl, 26-1; Leona Farra, 12-1.

*Service*: Agnes Westwick, chairman, 26-2; Lillian Garihan, 26-2; Lucille Saylor, 26-2; Janett Gorrell, 26-1, Zola Johnson, 12-1.

### Fract. Hp. Motor Dept.

*Social*: Mary Thomas, 4-3; Helen Fletcher, 17-2; Dorothy Coles, 4-1; Beulah Class, 4-5; Hulda Rodenbeck, 4-4; Stella Rupp, 4-3.

*Membership*: Hilda Gillian, chairman, 4-5; Ethel Chapman, 4-1; Lavada Ramsey, 4-1; Mabel Gorden, 4-3; Luella Schroeder, 4-4; Mercedes Grim, 4-5; Anna Scott, 4-5; Gertrude Gillian, 4-5; Lena Buuck, 17-2; Alvada Ullman, 17-3; Ruth Wiehe, 3-3.

*Service*: Emma Reiling, chairman, 17-4; Ivena Sigler, 4-5; Adela Schroeder, 4-4; Marie Wickelman, 4-1; Ida Wehmeyer, 17-2.

### Main Office

*Social*: LaVera Vail, chairman, 18-3; Cecile Meyers, 18-5; Hilda Granlund, 18-3; Alma Olson, 18-2; Dorothy Osborn, 18-2.

*Membership*: Clara Ankenbruck, chairman, 18-4; Mabel Liggett, 18-5; Doris Hutchison, 18-3; Irene Strier, 18-2; Mary Occleston, 18-1.

*Service*: Tressie Singrey, 18-4.

The purpose of the club is threefold: To promote social and educational activities, to foster the spirit of friendly service, and to stand for the highest ideals of womanhood.

### Regular Meeting

Weekly meetings are held in Bldg. 16-2 of the Plant each Wednesday, beginning with supper at 5:30 (for which tickets are sold by membership girls each week for 25c). From 6 to 7 o'clock a program of recreation is enjoyed, and at 7 o'clock classes begin. These usually last for an hour and a half, or less, and are given free of charge. You may join at any time. Those offered this year are:

Arts and Crafts (Dennison work), Miss Elizabeth Schwartz, instructor, 16 enrolled; Etiquette and Dramatics, Mrs. Harry Hogan, instructor, 17 enrolled; Harmonica, Floyd Saylor, instructor, 14 enrolled; Bridge, Alma Olson, instructor, 8 enrolled.

A know-your-city class is proposed, but it will be necessary to have fifteen or twenty girls and if a sufficient number do not sign up, it cannot be conducted. This is a very interesting class and has been very popular at the "Y," so that it is hoped the required number of girls may be secured. Trips are made to places of interest in Fort Wayne—factories, schools, offices and historical points.

On the first Wednesday of the month, a business meeting is held instead of the program and on the last Wednesday the club meets with the Federation of Industrial Clubs at the Y.W.C.A. Elex has long held a prominent place in the Federation, and this year was honored by having three of its members elected to office in that organization: Lenore Schoppman, second vice president; Mae Wolfcale, secretary, and Alma Olson, treasurer.

### Parties

Each month a get-together, picnic or party of some sort is given by the club—often free of charge—and a good time is always assured The first party this year was a Halloween Masquerade Dance, given by Elex in the G-E Club gymnasium on October 25th, for all G-E employees and their friends, free. At least a thousand people were in attendance at this affair, enjoying the excellent music furnished by Paul Weaver's orchestra. The floor was in fine shape and, large as it is, could scarcely accommodate the large crowd. At one end were the tents of three fortune tellers who were quite popular. The major portion of the guests were masked and many and varied were the costumes displayed. The judges found it difficult to choose the prize winners, but at length their selection was made and cash prizes were presented by Mr. Goll to: Mabel Trautman, Bldg. 4, dressed as an old lady, for the cleverest girl; Hiram Work, Bldg. 16-3, as the familiar constable, for the cleverest man; Clara Belle Underwood, Bldg. 19-4, representing Martha Washington, for the prettiest girl; Jack Renner, Bldg. 17-3, a society debutante, for the handsomest man; the names of the winners of the prizes for the funniest costumes are not known. Everyone voted it a most successful party, and that augurs well for future parties.

### Report of Weekly Meetings

October 17th: 58 members attended, and enrollment for classes was held. In the program of entertainment one number was presented by each of the four social committees, as follows. Meters, accordion selections by Georgette Ahlsmeyer; Transformers, piano selections by Irene Horstmeyer; Small Motors, readings by Vernon C. Sheldon; Main Office, vocal selections by Ida Graver, accompanied by Erma Somers.

October 24th: 80 members attended, and classes were begun. The program, in charge of Small Motor Dept., consisted of musical readings by the following pupils of Frances M. Long: Jane Boxberger, Jeanne Tobias and Clarice Rudy. Hilda Coll was accompanist and soloist. Several harmonica numbers were played by Floyd Saylor, instructor of the Harmonica class.

October 31st: No meeting was held on account of Halloween

New members are welcomed into the club at any time, although an annual membership drive is held in September of each year.

President Hilda Walda has issued a request for such old sheet music as anyone may be willing to contribute to the club for the girls' entertainment while waiting for supper to be served. If you have any you don't want to keep, send it to Hilda, Bldg. 4-1, or give it to any of your committee members, and it will be carefully preserved for the exclusive use of the Elex Club.

## Material List Office Has Weiner Bake

EMPLOYEES of the Material List Office, Bldg. 18-5, members of their families and a few friends went to Foster Park immediately after work on October 10th and enjoyed a weiner bake. The night was quite cool, so the merry group gathered around the blazing bonfire, toasted their weiners and marshmallows, told stories, laughed and joked, and in general, spent a very pleasant evening.

In the group were: Cecile Meyers, Eva Burgan, Loretta Happ, Dorothy Crawford, Thelma Clements, Catherine O'Connor, Helen Harrod, Doris Rhodes, Lela Meyers, Lavonne Dodane, Leroy Maxheimer, Dale Peden, Mr. and Mrs. Dwight Pray and little daughter Maxine, Mr. and Mrs. Boyd Fisher and daughters Carolyn Jane and Martha Jean, Mr. and Mrs. D. K. Schultz and daughter Betty, Mr. and Mrs. Royal Roeger and son Warren.

## Small Motor Department Bride Honored

ON September 26th, Luella Tarmon, Small Motor Office, Bldg. 3-3, entertained her co-workers at her home on Dalgren Ave., honoring Virginia Pollock, of the same office, an October bride. The party was a miscellaneous shower and Virginia received a lot of lovely things. Games and contests were entered into with much merriment by the guests, prizes going to Tillie Scherzinger, Louise Budde and Jeanette Haslup who in turn presented them to the honor guests.

At the close of the games a two-course luncheon was served at one large table in the dining room where attractive appointments were carried out in pink and blue. A miniature bridal procession, composed of a tiny bride, flower girls and bridesmaids, were used as a centerpiece, with blue tapers in pink rosebud holders forming an aisle on either side.

Guests at the affair included Virginia Pollock, Catherine Archer, Gladys Binkley, Louise Budde, Frieda Jullard, Jeanette Haslup, Pluma Rex, Tillie Scherzinger, Gladys Werda, Ruth Wiehe, Mavis Tarmon, Edna Tarmon, Mrs. Zoe Didier, and Mrs. Mildred Gertz.

## Mrs. Clara Tooke Leaves

MRS. Clara Tooke, who for the past seven years has been an employee in the Small Motor Dept., Bldg. 4-4, severed her connection with the Company on October 1st, so that she might devote her whole time to her household duties On this same evening her associates surprised her with a party and weiner bake in Foster Park. After the delicious lunch, they sat around the fire and exchanged vacation experiences. Also Mrs. Tooke gave several readings among which was the following poem composed by Mr. Tooke:

*I am thinking of the good times*
*That I've had up here with you,*
*And the many laughs that I have had,*
*With the friends that I love, too.*

*For seven years I've worked and made*
*A host of good, kind friends,*
*And for all of you, I hope*
*Our love will never end.*

*There's Martha, she's the finest girl*
*That ever walked the beat;*
*And Gertie, she's just the kind*
*Of a girl you'd want to meet.*

*So I'm going to stay at home, friends,*
*Now come and see me, please,*
*Our door is always open,*
*And you'll be greeted with a squeeze.*

Mrs. Tooke was presented an electric waffle iron by the girls.

Those present were: Lois Miller, Mabel Cotton, Kathryn Huber, Lorinda Beyerlein, Emily Nierman, Florence Rice, Margaret Schroeder, Mary Angel, Mary Monce, Ruth Theurer, Bessie Krick, Helen Fritz, Artista Baker, Kathryn Hepker, Honora Cupp, Vivian Garrison, Norma Wilch, Helen Oser, Malinda Gehle, Kathryn Goyer, Gertrude Hempp, Eloise Hartman, Margaret Chupp, Opal Ball, Goldie Smith, Delores Nevland, Mildred Moore, Bertha Piper, Gertrude Kelley, Martha Scherzinger, Edith Lair, Edna Tarmon, the Mesdames Clarence Hartman, Thornton Ritter, Wilbur Rodewald and the honor guest.

## Meter Production Dept. Employees Entertain

HELEN Blake and Ed Miller, of the Meter Production Dept., Bldg. 19-5, entertained a few of their friends at a hamburger fry on the evening of November

1st. The party was held at the Pleasant View Cottage up the St. Joe River. After the supper was over the group engaged in pinochle games.

Mr. and Mrs. Wade Reed, Mr. and Mrs. Art Steele, Mr. and Mrs. Herb Koenig, Mr. and Mrs. Carl Hoffman and Mr. and Mrs. Wehrenberg were the guests.

## Meter Production Office Has Weiner Bake

ON October 4th, members of the Meter Production office force with wives and friends, went to the Pleasant View cottage for a weiner bake. The dinner, with the exception of the roasting of the weiners, had been prepared in advance by the Works Restaurant, and as soon as the fires could be built after the arrival of the crowd the feast was ready to be served. Following the dinner, progressive bunco was played, the prizes going to Mrs. L. Steup, Mrs. George McAfee, L. Thomas and Herman Heine. There was plenty to eat and plenty of fun so it was a jolly evening for all.

## Weddings

### Ralston-Pollock

The marriage of Virginia Pollock and Albert A. Ralston took place October 18th, at high noon in the Plymouth Congregational church, with Rev. Arthur J. Folsom officiating. The couple was attended by Louise Pollock, a sister of the bride, and Reed Andress, of Rockford, Ill. Immediately following the ceremony a wedding breakfast was served to the families and relatives at the Catholic Community Center, after which the bride and groom left on a wedding trip. Mr. and Mrs. Ralston are now at home at 435 W. Williams Street. Mrs. Ralston is employed in the Fractional Horsepower Motor Dept., at the Broadway plant, and Mr. Ralston is an engineer at the Winter Street plant.

### Dockal-McDaniel

Lloyd J. Dockal and Dorothy McDaniel were united in marriage September 6th in the Episcopal church at Clinton, Iowa. The couple were unattended. Immediately following the ceremony a wedding breakfast was served. The couple then left on a motor trip through Wisconsin and Minnesota. Mr. and Mrs. Dockal are now at home at 1108 W. Jefferson street. Mr. Dockal is an engineer at the Winter Street plant.

Bret Young

Eugene Cox

George Hahn

Melbourne Johnson

## Apprentice School News

GEORGE Hahn, Eugene Cox, Melbourne Johnson and Bret Young, apprentices, have completed their courses of training and are now regularly employed here at the Fort Wayne Works. Hahn and Cox took the machinist and toolmaker course, and Johnson and Young took training in the line of drafting. Each of these men made good grades in both classroom and shop work and accordingly on completion of their apprenticeship were awarded with their diplomas the customary cash bonuses —$100 for the graduates of the four-year machinist and toolmaker course, and $75 for the graduates of the three-year draftsman course. Hahn and Cox are now doing special work in the Apprentice Dept., Johnson is working on the drafting board for Mr. Danford in the Meter Dept. and Young is working for Mr. Gargett in the transformer Cost Section.

During the past month four students have enrolled for machinist and tool maker course: Earl Plummer, Ossian; Carl Schafianski, Ft. Wayne; Nihl Noll, Salem Center; Carl Herendeen, Kendallville.

Billy Wehrs and His Big Stick

## Group Holds Outing

THE Assembly Dept. of the Apparatus Division on the afternoon of October 6th held its second annual outing at Pleasant View cottage up the St. Joe. The picnic started with a big dinner that was served as soon as the crowd could assemble at the cottage after the noon whistle. In keeping with the luck had by former groups which have held outings here, this group picked a day which was ideal. The afternoon was spent in the open and there were some hot contests in the games which were played. The baseball teams were picked according to height. All the rivalry of a world series was shown in the full nine innings which were played. The long strides in base running coupled with the long bat of Billy Wehrs were too great a handicap for the "shorts" to overcome and the "longs" emerged victors in this event.

Approximately thirty were present at this outing and everyone surely had a good time. William Schultz, now retired, formerly the foreman of the Apparatus Assembly Dept.; Billy Wehrs, superintendent of the Apparatus Division; Billy Weikart, local Industrial Sales, and T. L. Wallace, Engineering Dept., were present as guests. The outing was arranged by W. Gerdom, J. Dennis, C. Robinette and R. Ormiston.

Those attending were: W. F. Gerdom, Robert Ormiston, Chase Robinette, John Dennis, Cyril Tainter, Erwin More, Hubert Grage, Ed Branning, Harry Seitz, Wade McCutchen, James Scarbrough, Wm. Schlie, Wm. Behm, Wm. Kayser, Frank Schmidt, Charles Johnson, Wm. Starke, Karl Bezner, Melvin Meussel, Pitzenberger, H. McAtee, Wm. Hanke, Harry Zimmerman, Ernie Brown, Ralph Campbell, Pal Wermager, Al Phillips and Lewis Scheumann.

## To Save You Time

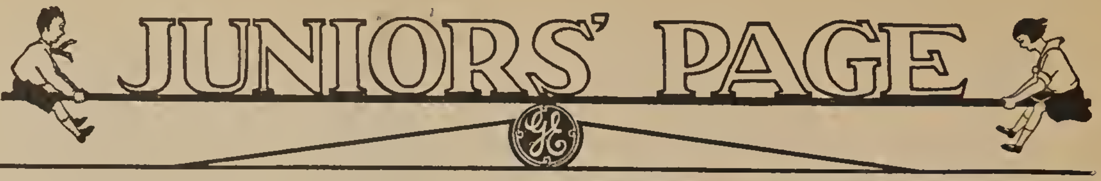
OUR employees' store located in Bldg. 6-1 has a peculiar schedule that many probably do not remember. Those going to the store during the hours when it is closed, of course, waste just that much time. As a reminder, this article is printed.

The store opens at 7:20 a.m. and remains open until 10:45 a.m., at which time it is closed in order that the attendant may take an hour and a quarter for lunch in advance and be ready to have the store open during the noon hour and for 15 minutes after the factory closing hour in the evening. The store opens then at 12:00 m. and remains open until 2:00 p.m. From 2:00 p.m. to 3:00 p.m., usually the slack time, the store is closed that the attendant may make out his stock record cards, open new stock and get it arranged on the shelves. From 3:00 to 5.15 p.m. it is also open.

**Employees' Store Schedule**

| | |
|---|---|
| Open | 7:20 a.m. to 10:45 a.m. |
| Closed | 10:45 a.m. to 12:00 m. |
| Open | 12:00 m. to 2:00 p.m. |
| Closed | 2:00 p.m. to 3:00 p.m. |
| Open | 3:00 p.m. to 5:15 p.m. |

On Saturday store open all forenoon.



# JUNIORS' PAGE

Dear G-E Juniors.

In this month we have a holiday —Thanksgiving. Perhaps your mothers or your teachers will tell you the story of the first Thanksgiving, or, maybe you will read about it in school, so for our puzzle we have a Thanksgiving picture. To find this picture take your pencil and blacken all the spaces that contain the letters found in the word "Thanksgiving," then take a piece of tissue paper and trace the outline of the picture you have found and send me the tracing with your letter.

I suppose many of you juniors are pretty busy, or, you found the puzzle pretty hard to solve, for I did not receive so many letters last month; but I did get nice letters from Ralph Crall, Ruth Rose, Berniece Moore, Harry McClure, Gene Platt, Geraldine Gidley, Dorothea Eylenberg, Elmar Devaux, Albert Devaux, Arno Schelper, Dorothy Jane Canada and Dorothea Dean Long, all from Fort Wayne, and Catharine Jackson, Mary Evelyn Archer, Dorothy Miller and Gilbert Egley from Decatur. Prizes were sent to Harry McClure, Dorothea Eylenberg, Arno Schelper, Dorothy Jane Canada and Gene Platt, from Fort Wayne, and Dorothy Miller and Gilbert Egley, at Decatur.

Clara Eleanor, Daughter of Foster Houck, Meter Cost Section, with her Pet Rooster.

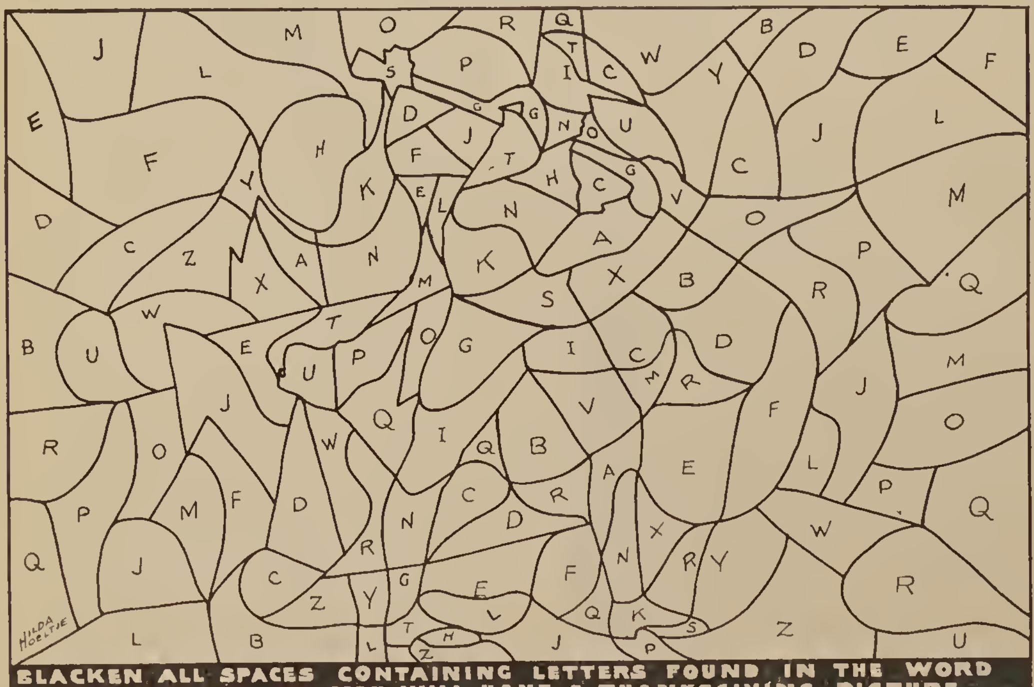
I also received a nice letter and solution to the September puzzle from Clara Eleanor Houck, but it came in too late to publish her name in the October issue. She enclosed the picture of herself and her pet bantam rooster. She says the rooster likes to ride on the handlebars of her scooters and crows so she does not need a horn or bell.

My, what good times all of you must have had on Halloween! Dorothy Dean Long and Geraldine Gidley both planned masquerade parties at their homes. I know they had a lovely time with their little friends. Gene Plat planned to dress up like a Chinaman and go up town and see all the other funny people, and surely all of you attended Halloween parties at school.

Now I am wondering how many of you will find the hidden picture and am wondering how you are planning to celebrate Thanksgiving. Don't forget to write and tell me, for I shall be looking for your letters.

Yours sincerely,

Jill



BLACKEN ALL SPACES CONTAINING LETTERS FOUND IN THE WORD "THANKSGIVING" AND YOU WILL HAVE A THANKSGIVING PICTURE

## G-E Club Boxing Card Well Attended

THE boxing card staged by the G-E Club on October 26th was well attended and the crowd saw some good bouts. The headliners, Alex Sims, of Canton,O., and Al Brown, of Detroit, Mich., only went four rounds until a technical knockout ended it, but until then it proved a good match.

Moan Baumgartner, of Fort Wayne, and Tod Smith, of Canton, staged the best bout of the evening. Baumgartner was victorious, but he had his hands full at the start. This match went the full ten rounds.

In the two six-round preliminaries, Pete LaCrosse was matched against Joe Burg, both from Fort Wayne; and Harry Memoring, of Lafayette, was paired with Tommy O'Connell, of Fort Wayne. The first ended in the third round with LaCrosse the winner. In the other preliminary, the Lafayette man was too much for O'Connell, but the Fort Wayne scrapper was given a hand for his gameness.

The G-E Club is arranging another boxing card for November 26th. As soon as the plans are completed the principals will be announced in the city papers.

## Deaths

### Nelson E. Cook

NELSON E. Cook, an employee in the Blacksmith Shop, Bldg. 27, died October 22nd after an illness of only one week. Mr. Cook was only twenty-three years of age and had been an employee here a little less than seventeen months, but he had taken out the additional insurance and his family, a wife and child, therefore were beneficiaries of both the free and additional insurance. October 15th was the last day Mr. Cook was able to be at work. On the next day his illness had been diagnosed as typhoid, but pneumonia developed later and caused his death. The funeral was held October 24th at the Wallen Methodist church, of which he was a member. The burial was in Lindenwood.

# G.E.A.A. ATHLETICS

## G-E Club Basketball Team Books Strong Opposition

The G-E Club basketball team is rapidly getting in shape for a strenuous season on the hardwood court. Practices are being held regularly and the team this year looks better than ever before. Herbst, a heavy scoring forward is pairing with Meyers and this combination can be looked to to score many points. Virgil B. Hamilton, Nobles and Hoffman are other contenders for the forward positions. Belot has been working at center. It is possible that Jamieson, former LaFayette high school star and unanimous choice for the pivot position at the A.A.U. meet last year, will be working here soon and should capably fill the position left vacant by Kowalcyzk. Slack and Bowman are the new men trying out for the guard positions and both look good. Spahr, Holmes and Hueber need no introduction to the G-E Club audiences.

With the addition to the squad of several stars of the professional court and the availability of coaching services of other professional players, the advisability of changing over to the professional style of play has been under consideration for some time. To followers of the net game there is a considerable difference between these two styles of play and in competition the professional style will win more games, but we do not believe it holds the interest to spectators that the amateur or western style does. The G-E Club therefore has decided to stick to the western style of play and we believe the fans will like it better even though we lose games which we might have won.

Those teams which furnished strong opposition last year are being booked this year and the strong teams of the section which it was impossible to book last year will appear on this year's schedule. In order to carry on this program additional revenue is necessary and the management has made a slight increase in the cost of tickets. Individual game tickets will be 35 cents this year and a few reserved seats will be sold for 50 cents. Season tickets for a minimum of 16 games are being sold for five dollars. These season tickets will be for reserved seats, the seat number being stamped on the ticket so that the season ticket holder will be assured of the same seat each night throughout the season. These prices are very low for the brand of basketball being played.

The teams which have been booked so far include the Richmond five, with "Slum" Gullion, Purdue star and others; the famous Buffalo Seneca Indians, the Michigan Centrals, industrial champions of Detroit for the past four years, the World Famous Indians, a full-blooded Indian team of LaRue, O., the Lyons Indiana team which won the state independent championship last year, the Indianapolis Ramblers and the Wapakoneta American Legion team, both of the latter will be remembered from last year. Contracts are pending with the Original Nordics, the Terrible Swedes, the Rochester Oldsmobiles, the Flint Buicks and the Toledo Red Men. The schedule for the first month follows:

November 30th—Buffalo Seneca Indians.
December 7th—Michigan Centrals of Detroit.
December 14th—World Famous Indians.
December 21st—Indianapolis Ramblers.
December 28th—Lyons—State champs.
January 3rd—Wapakoneta American Legion.

## Lamboley's Play Features Golf Tournament

In the third annual General Electric handicap golf tournament held Saturday afternoon, October 6th, on the course of the Orchard Ridge Country Club, Earl Lamboley, of the Testing Laboratory, took the honors by finishing with the lowest in both net and gross scores. His gross score of 77 for the full 18 holes would be a credit to any golfer in the city, but Mr. Lamboley's performance is especially noteworthy in view of the fact that he previously had played the course only a very few times.

First and second prizes were arranged for both low gross score and low net score. As a rule had been made that a contestant should not be awarded more than one prize, Mr. Lamboley was given the first prize, for low gross score, a dandy steel shaft driver. Paul Bauer, with a gross score of 87 and a handicap of 8, and Sam Newlin, with a gross score of 93 and handicap of 14, tied for second prize for low net score. Bauer's 87 gross, however, gave him second prize for low gross score; therefore, he and Newlin divided equally the dozen of golf balls that were the offering for second honors in the events. William Jackson, of Bldg. 4-3, with a gross score of 97 and handicap of 20 was awarded first prize for low net score as his net score of 77 was next to Lamboley's 72. Jackson's prize also was a steel shaft driver.

Twenty-six of our local golf enthusiasts took part in the tournament. As in former years, S. C. Newlin made the general arrangements for the tournament, but the details of handling the entries, etc., were taken care of by a committee consisting of J. E. Mills, L. P. O'Brien, N. Hench, D. Roloff, E. Lamboley and H. Miller.

It is hoped that the play next year may be on the municipal links in Foster Park. The scores in the third annual G-E tournament were as follows:

| Name | Gross Score | Handicap | Net Score |
|---|---|---|---|
| Earl Lamboley | 77 | 5 | 72 |
| Paul Bauer | 87 | 8 | 79 |
| Sam Newlin | 93 | 14 | 79 |
| C. P. Thompson | 95 | 15 | 80 |
| J. E. Mills | 96 | 14 | 82 |
| W. Jackson | 97 | 20 | 77 |
| W. J. Morrill | 99 | 16 | 83 |
| O. S. Stanton | 100 | 15 | 85 |
| C. H. Matson | 100 | 20 | 80 |
| Geo. Wright | 102 | 20 | 82 |
| H. H. Clayton | 102 | 18 | 84 |
| Neal Hench | 105 | 20 | 85 |
| A. J. Rose | 105 | 18 | 87 |
| W. Mersman | 105 | 16 | 89 |
| W. H. Sunier | 108 | 18 | 90 |
| L. M. Garman | 110 | 20 | 90 |
| O. Weitzman | 110 | 25 | 85 |
| I. H. Freeman | 110 | 20 | 90 |
| E. G. Stocks | 111 | 25 | 86 |
| E. J. Schaefer | 113 | 18 | 95 |
| E. J. Boulden | 114 | 20 | 95 |
| G. W. Duncan | 114 | 20 | 94 |
| W. Gaston | 117 | 20 | 97 |
| S. Herring | 120 | 18 | 102 |
| E. J. Graham | 124 | 25 | 99 |
| W. H. Frizt | 142 | 20 | 122 |

## Inter-Dept. Volley Ball League

An inter-department volley ball league of eight teams has been launched this season and is proving one of the most popular of indoor sports. Al Gollmer, Bldg. 4-1, is manager of the league and has a stronger league this season than ever before. The games are played each Monday evening in the gymnasium of the G-E Club at 5:30 p.m., and everyone is welcome to attend. The standing of the teams after the first nights of play follows:

| | Won | Lost | Pct. |
|---|---|---|---|
| Winter Street | 3 | 0 | 1.000 |
| Transformer | 3 | 0 | 1.000 |
| Main Office | 2 | 1 | .666 |
| Meter | 2 | 1 | .666 |
| Small Motor | 1 | 2 | .333 |
| Apprentice | 1 | 2 | .333 |
| Material List | 0 | 3 | .000 |
| G-E Squares | 0 | 3 | .000 |

## Industrial Volley Ball League

A four-team volley ball league has been organized among the industries of the city by the Y.M.C.A. Four to six players are to compose a team. Three games of fifteen points each will be played each Wednesday evening in the gymnasium of the Y.M.C.A.

The standing of the league after two nights of play follows:

| | Won | Lost | Pct. |
|---|---|---|---|
| Bowser | 6 | 0 | 1.000 |
| Dudlo | 6 | 0 | 1.000 |
| General Electric | 0 | 6 | .000 |
| Wayne Knits | 0 | 6 | .000 |

## Esther Moll Wins Girls' Tennis Tournament

Esther Moll, of the Industrial Service Section, won the girls' elimination tennis tournament by defeating Hilda Walda in straight sets 6-1 and 6-0. Miss Moll had won her way to the finals by defeating Louise Hilger 6-1 and 6-0, and Miss Walda had previously won from Laura Redding by forfeit.

## Bowling

### Meter Dept. League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Discs | 13 | 5 | .722 | 808 |
| Gears | 12 | 6 | .667 | 809 |
| Pivots | 12 | 6 | .667 | 798 |
| Leads | 11 | 7 | .611 | 792 |
| Elements | 10 | 8 | .556 | 786 |
| Terminals | 10 | 8 | .556 | 783 |
| Covers | 9 | 9 | .500 | 769 |
| Jewels | 8 | 10 | .444 | 776 |
| Bases | 8 | 10 | .444 | 773 |
| Seals | 7 | 11 | .389 | 771 |
| Registers | 6 | 12 | .333 | 780 |
| Magnets | 2 | 16 | .111 | 750 |

#### Individual Averages

| | | | | | |
|---|---|---|---|---|---|
| Miller | 18 | 178 | Lawrence | 18 | 172 |
| Erne | 18 | 176 | Jacbos | 18 | 172 |
| Weick | 18 | 175 | Wood | 18 | 172 |
| Timme | 18 | 174 | Thompson | 18 | 171 |
| Tietdorf | 18 | 175 | Hueber | 18 | 169 |

#### High Individual Scores

| | One Game | | Three Games |
|---|---|---|---|
| Andress | 244 | Miller | 626 |
| Schwartz | 236 | Lawrence | 606 |
| Lawrence | 231 | Erne | 592 |

#### High Team Score

| | One Game | | Three Game |
|---|---|---|---|
| Terminals | 925 | Discs | 2592 |
| Pivots | 915 | Terminals | 2576 |
| Discs | 905 | Gears | 2539 |

### Transformer League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Currents | 11 | 4 | .733 | 761 |
| Toys | 8 | 7 | .533 | 729 |
| Bells | 8 | 7 | .533 | 724 |
| Autos | 7 | 8 | .467 | 756 |
| Radios | 6 | 9 | .400 | 708 |
| Nitelites | 5 | 10 | .333 | 722 |

#### Individual Averages

| | | | | | |
|---|---|---|---|---|---|
| Garihan | 15 | 177 | Schlatter | 15 | 167 |
| Cook | 15 | 175 | Fryback | 15 | 163 |
| Cox | 15 | 175 | Boutwell | 15 | 161 |
| Tagtmeyer | 15 | 170 | Gargett | 15 | 161 |
| Long | 15 | 168 | Orff | 12 | 158 |

#### High Individual Score

| | One Game | | Three Games |
|---|---|---|---|
| Fryback | 232 | Long | 626 |
| Long | 228 | Cook | 608 |
| Cook | 222 | Richey | 597 |

P. Reynolds and H. Cochran 11½-lb. Channel Cat from St. Mary's River

#### High Team Score

| | One Game | | Three Games |
|---|---|---|---|
| Bells | 885 | Bells | 2486 |
| Autos | 856 | Currents | 2469 |
| Currents | 848 | Autos | 2358 |

### Inter-Dept League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Transformer | 11 | 1 | .917 | 907 |
| Wire and Ins. | 10 | 2 | .834 | 910 |
| Apparatus | 7 | 5 | .583 | 875 |
| Small Motor | 6 | 6 | .500 | 911 |
| General Stores | 5 | 7 | .416 | 883 |
| Meter | 5 | 7 | .416 | 881 |
| Refrigerator | 4 | 8 | .333 | 846 |
| Decatur | 0 | 12 | .000 | 797 |

#### Individual Averages

| | | | | | |
|---|---|---|---|---|---|
| Doehrman | 3 | 205 | Frank | 9 | 194 |
| Harkenrider | 9 | 201 | Bryan | 12 | 193 |
| Kramer | 3 | 199 | Einseidel | 6 | 190 |
| Huber | 12 | 198 | Schoenherr | 6 | 190 |
| Adamske | 12 | 197 | Knoll | 12 | 189 |

#### High Individual Score

| | One Game | | Three Games |
|---|---|---|---|
| Harkenrider | 238 | Harkenrider | 645 |
| Bryan | 238 | Bryan | 638 |
| Huber | 236 | Huber | 638 |

#### High Team Score

| | One Game | | Three Games |
|---|---|---|---|
| Transformer | 995 | Transformer | 2831 |
| General Stores | 983 | Small Motor | 2818 |
| Small Motor | 973 | Wire and Ins. | 2813 |

### Foremen's Association

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Transformer | 9 | 3 | .750 | 730 |
| Small Motor | 7 | 5 | .583 | 763 |
| Tool Supply | 7 | 5 | .583 | 723 |
| Apparatus | 7 | 5 | .583 | 713 |
| Meter | 6 | 6 | .500 | 728 |
| Refrigerator | 5 | 7 | .417 | 702 |
| General Service | 4 | 8 | .333 | 709 |
| Wire & Insulation | 3 | 9 | .250 | 673 |

#### Individual Averages

| | | | | | |
|---|---|---|---|---|---|
| Buuck | 12 | 173 | Szink | 12 | 162 |
| Skevington | 6 | 168 | Schwartz | 12 | 157 |
| Foellinger | 12 | 164 | Siebold | 9 | 157 |
| Rockhill | 12 | 162 | App | 12 | 156 |
| Holloway | 12 | 162 | Starke | 12 | 155 |

#### High Team Score

| | One Game | | Three Games |
|---|---|---|---|
| Tool Supply | 899 | Small Motor | 2324 |
| Small Motor | 895 | Transformer | 2320 |
| Transformer | 817 | Tool Supply | 2260 |
| | | Refrigerator | 2260 |

### Office League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| D-C. Apparatus | 16 | 6 | 762 | 772 |
| Plant Construction | 14 | 7 | .667 | 741 |
| Apparatus Cost | 13 | 8 | .619 | 771 |
| Accounting | 13 | 8 | .619 | 760 |
| W-C. Drafting | 12 | 9 | .571 | 774 |
| Warehouse | 11 | 10 | .524 | 771 |
| Service Bureau | 9 | 12 | .429 | 758 |
| Material List | 9 | 12 | .429 | 754 |
| Distribution | 8 | 13 | .381 | 737 |
| A-C. Drafting | 8 | 13 | .381 | 727 |
| Industrial Service | 7 | 14 | .333 | 738 |
| Small Motor Eng. | 6 | 15 | .286 | 715 |

#### Individual Averages

| | | | | | |
|---|---|---|---|---|---|
| Bryan | 21 | 182 | Lindemuth | 21 | 166 |
| Einseidel | 21 | 181 | Waldschmidt | 18 | 165 |
| Reese | 18 | 180 | Kellogg | 12 | 164 |
| Enders | 18 | 177 | Zieg | 18 | 163 |
| Roeger | 21 | 168 | Bower | 21 | 162 |

#### High Individual Score

| | One Game | | Three Games |
|---|---|---|---|
| Zieg | 235 | Einseidel | 634 |
| Reese | 233 | Reese | 600 |
| Waldschmidt | 229 | Bryan | 589 |

#### High Team Score

| | One Game | | Three Games |
|---|---|---|---|
| Material List | 901 | D-C. Apparatus | 2495 |
| Apparatus Cost | 884 | D-C. Drafting | 2473 |
| D-C. Drafting | 874 | Apparatus Cost | 2426 |

### Tool and Equipment League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Jigs and Fixtures | 13 | 5 | .722 | 794 |
| Machines | 11 | 7 | .611 | 794 |
| Special Tools | 9 | 9 | .500 | 813 |
| Tool Supervisors | 9 | 9 | .500 | 764 |
| Dies | 8 | 10 | .444 | 773 |
| Punches | 8 | 10 | .444 | 768 |
| Grinders | 7 | 11 | .389 | 774 |
| Special Machines | 7 | 11 | .389 | 751 |

INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| Knepple | 182 | Dailey | 175 |
| Rehm | 181 | Rodenbeck | 174 |
| Lankenau | 179 | Lepper | 172 |
| Franke, W. | 176 | Franke, J. | 170 |
| Dicke | 176 | Gerdom | 168 |

HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Stone | 257 | Knepple | 652 |
| Neeb | 253 | Dailey | 602 |
| Druhot | 249 | W. Franke | 597 |

HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Special Tools | 993 | Special Tools | 2744 |
| Machines | 949 | Dies | 2663 |
| Special Machines | 935 | Jigs and Fixtures | 2565 |

### Small Motor League

| | Won | Lost | P.C. |
|---|---|---|---|
| SD | 15 | 3 | .8346 |
| RKT | 12 | 6 | .666 |
| DR3 | 11 | 7 | .612 |
| DR1 | 11 | 7 | .612 |
| RKQ | 11 | 7 | .612 |
| RSC | 11 | 7 | .612 |
| DR2 | 10 | 9 | .556 |
| RSS | 9 | 9 | .500 |
| RSO | 7 | 11 | .389 |
| RSA | 5 | 13 | .278 |
| SDA | 4 | 14 | .222 |
| SA | 2 | 16 | .111 |

INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Kammer | 18 | 182 | F. Rapp | 15 | 167 |
| Schelper | 15 | 181 | Michelfelder | 15 | 167 |
| M. Tobias | 18 | 184 | Straub | 18 | 165 |
| R. Tobias | 12 | 171 | Daley | 15 | 162 |
| McKering | 15 | 169 | Riley | 9 | 161 |

HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Daley | 234 | Schelper | 594 |
| Archer | 233 | Kammer | 580 |
| Schelper | 221 | R. Tobias | 575 |

HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| SD | 761 | SD | 2089 |
| RKQ | 705 | RKT | 1668 |
| RKT | 699 | SDA | 1945 |

### Girls' League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Fire Dept. | 9 | 3 | .750 | 603 |
| Refrigerator | 8 | 4 | .666 | 590 |
| Meter | 7 | 6 | .583 | 521 |
| Small Motor | 6 | 6 | .500 | 549 |
| Apparatus | 6 | 6 | .600 | 545 |
| Order and Stores | 5 | 7 | .416 | 506 |
| Industrial Service | 4 | 8 | .333 | 518 |
| Tool | 3 | 9 | .250 | 553 |

INDIVIDUAL AVERAGES

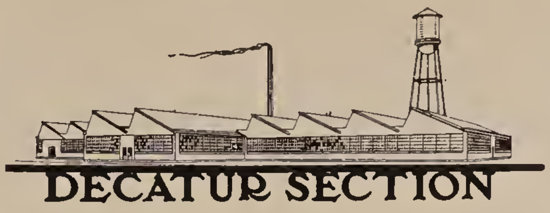
| | | | | | |
|---|---|---|---|---|---|
| Lackey | 12 | 179 | Linnemcyer | 12 | 140 |
| Preston | 12 | 156 | Stahl | 12 | 136 |
| Fox | 12 | 148 | Rebber | 12 | 135 |
| Blcke | 12 | 145 | Blomberg | 9 | 133 |
| Hucber | 12 | 142 | Horstmeyer | 12 | 130 |

HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Lackey | 223 | Lackey | 594 |
| Preston | 216 | Preston | 495 |
| Rebbcr | 208 | Blake | 493 |

HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Tool Dept. | 702 | Fire Dept. | 1903 |
| Fire Dept. | 680 | Tool Dept. | 1896 |
| Refrigerator | 652 | Refrigerator | 1893 |



# DECATUR SECTION

## Band Promotes Minstrel Production

THE Decatur G-E band is again promoting the production of an amateur minstrel show which will be presented this year at the high school auditorium in Decatur on the evenings of November 20th and 21st. About seventy people will take part and by far the greater number will be employees of the G-E. In the chorus parts, however, girls from the city schools will be used.

The first scene will be the typical minstrel circle replete with a program of dances and quips. The interlocutor will be cast as a police chief, his aides a large group of cops, all in uniform, while the end men will wear the stripes of convicts. France Conter will take the part of interlocutor while in the role of end men are Mark Braden, Pat Hyland, Cash Lutz, Lee Bowen, Chick Cole, Freck Hower, Fred Shurger and Tillman Gehrig.

The next scene will be quite in contrast, an attractive chorus of approximately 35 people. In this act there will be a number of solo dances and songs.

The third and last scene will be that of a Mississippi river steamboat with Uncle Tom, Topsy, Eva, the boat captain and a roustabout taking the leading parts. The part of Uncle Tom will be taken by Frank Conter, Topsy will be played by Mrs. Bryce Thoma, while Dessolee Chester will appear as Eva, and Bud White in the part of the boat captain, Fred Shurger, Tillman Gehrig, Frank Hower and Glen Neptune will double in taking the part of the roustabout.

Tickets for the show will be on sale by all members of the band and also by all members of the cast. The Holthouse drug store down town will also have tickets while at Fort Wayne, tickets will be on sale at the candy stand in the G-E Club. The admission price will be 50c for adults, 35c for children.

## Deaths

### Glen Venis

Glen Venis, inspector, who had been an employee of the Company since August 15, 1922, died October 15th. Everyone at the Plant was greatly shocked to hear of his death. He is survived by his widow and a young son. The funeral was held at the Methodist church in Decatur, October 17th, and burial was made in the Decatur cemetery.

## Bowling

Greater interest than ever is manifest in bowling at Decatur Plant this year. The three alleys that have been arranged for are busy every night except Sunday. The season started on October 22nd with eight teams. Four more teams were organized and the second week started with the full quota of twelve teams. Each team is composed of six men, the low men in any week's contest taking the bench during the next week's play. The teams organized are named as follows: Armatures, Collectors, Flanges, Automatic Rotors, Shafts, Stators, Maintenance, Office, Punch Press, Inspectors and Motors. The standings will be published in later issues.

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### Basketball

The first call for basketball candidates was issued at Decatur Plant November 1st. There are hopes of having a strong team this year as the old-timers, Klinknight, Teeple, Linderman, White, Hill, Strickler and Schneider are expected to appear, while several new men of high school and college basketball experience will no doubt make strong bids for positions on the team. Among the latter is George Tony, former Frankin College star. It is expected that the team will be ready for an opening game about the middle of November.

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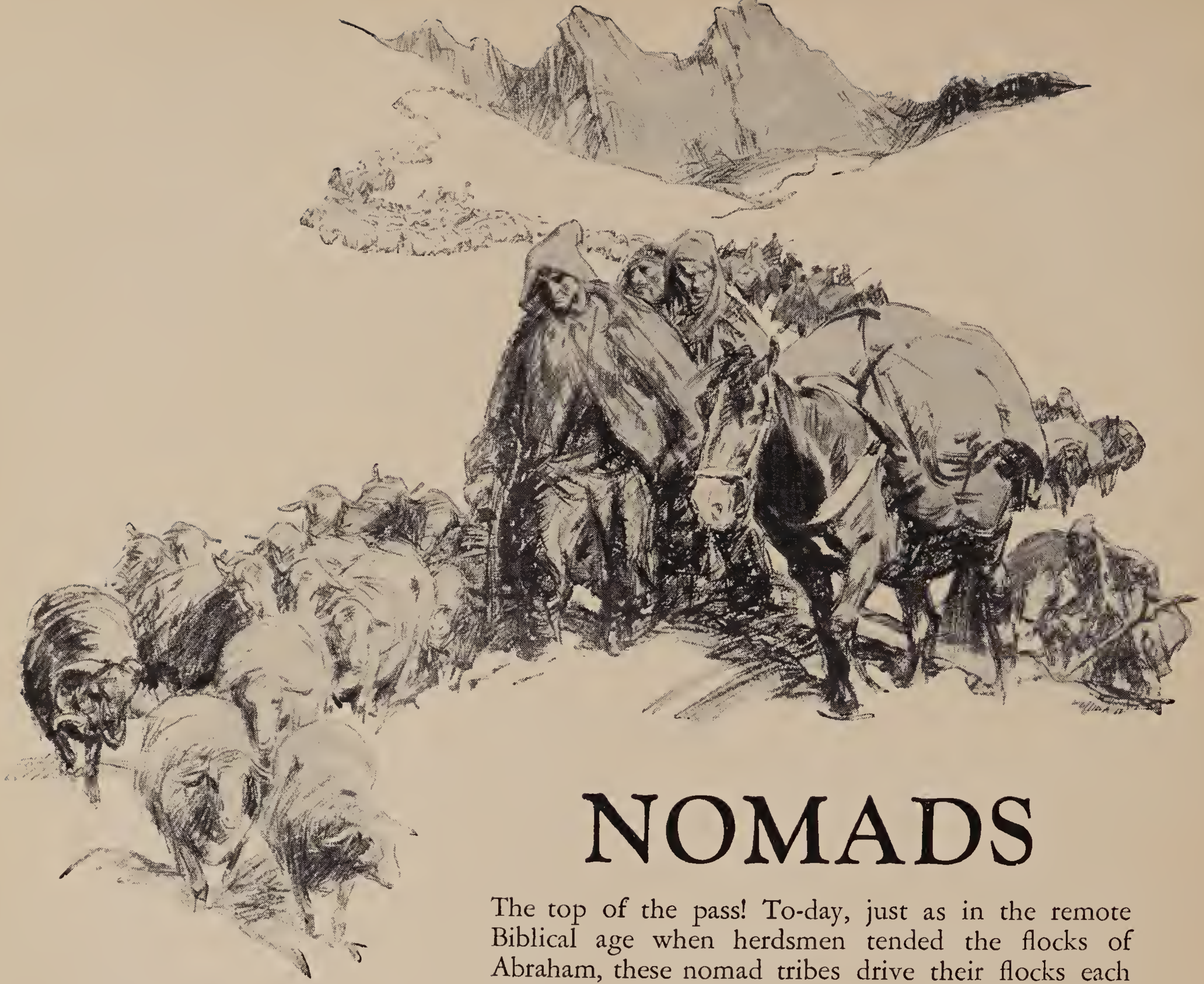
### Gecode Club Banquet

On October 10th a supper and reorganization meeting of the Gecode Club was held in the club rooms of the local plant with thirty-five members present.

Following the delicious three course dinner officers for the club year were elected. The results: Olive Walters, re-elected president; Ethel Tumbleson elected vice president, succeeding Grace Renny; Dora Miller elected secretary, succeeding Catherine Hyland, and Frances Girod re-elected treasurer.

The first and third Wednesday evenings of the month were designated as regular meeting nights for the season. After the business session bunco was played, Dora Miller and France Girod carrying away the prizes.



# NOMADS

The top of the pass! To-day, just as in the remote Biblical age when herdsmen tended the flocks of Abraham, these nomad tribes drive their flocks each season up from the parched desert to the high tablelands of the Caucasus, green with life-giving grass.

We moderns of the West make no such forced marches in search of food. In our lands of little rain, electricity pumps water to make the desert bloom. Electricity lights the herdsman's home and milks the cows in his stable. Electricity powers the great network of transportation and communication which binds city and country into one complex system of civilized living.

Yet, as Thomas A. Edison has written, "The electrical development of America has only well begun. So long as there remains a single task being done by men and women which electricity could do as well, so long will that development be incomplete."

This monogram appears on a multitude of products which contribute to the efficiency and comfort of both factory and home. It is your assurance of electrical correctness and dependability.

95-475B

# GENERAL ELECTRIC

# The Works News

December 21, 1928

# A Greeting

DURING the past year our Company has made definite progress and this year's business will be the largest in its history, so that we may all look with pardonable pride and satisfaction on the accomplishments of this great organization, of which we are each a part.

To each one I sincerely wish a very Merry Christmas and a bright, healthful, happy and useful New Year.

Very cordially,

Gerard Swope

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

Vol. 12 December 21, 1928 No. 12

C. M. Schneiders

S. C. Newlin

Esther Moll

Frank Quinn

L. J. Schneiders

# G-E Club Elects New Officers

IN the third annual election held at Broadway and Winter Street Plants for officers of the G-E Club, C. M. Schneiders, Accounting Dept., Bldg. 18-3, former treasurer of the club, was elected president to succeed A. M. Snodgrass, Meter Dept., Bldg. 19-5, who has so successfully filled the chair of president through the first two years of the club's existence.

For first vice president, S. C. Newlin, Fractional Hp. Motor Dept., Bldg. 3-3, was the successful candidate. He succeeds Carl Bobay, of the Winter Street Plant, who has served during the past year.

Esther Moll, Industrial Service Dept., who was appointed by the directors to serve during the unfinished term of Irene Whitehead who resigned, was elected to continue as second vice president of the club.

Frank Quinn, Bldg. 4-3, was chosen as secretary succeeding Walter Dreyer, who ably served in that capacity for the past two years.

L. J. Schneiders, who has served in the past as assistant treasurer, was elected to the office of treasurer for the ensuing year.

A. M. Snodgrass was elected a director for the regular term of three years. He succeeds Mart Einsiedel, who was elected in 1926 and by lot was selected for the two year period of service.

Continuing in the office of director are William F. Melching, Hilda Walda, and E. A. Barnes.

The newly-elected officers will take charge of the club's affairs on January 1st.

The proposed amendment to the constitution carried by a majority of 3193 votes. Therefore, effective January 1, 1930, the outgoing president will automatically become a director of the club.

That a great deal of interest in this election was taken by all is shown by the record ballot of over 5300 votes. The clever campaign that was conducted by the candidates during the two weeks preceding the election served to acquaint everyone with the various candidates. The interest manifest in the election indicates a personal interest on the part of all employees in the club's activities

| | PRECINCTS<br>No. 1<br>Office | <br>No. 2<br>Win. St. | <br>No. 3<br>Bldg. 26 | <br>No. 4<br>Bldg. 4 | <br>No. 5<br>Bldg. 19 | Total | |
|---|---|---|---|---|---|---|---|
| FOR PRESIDENT | | | | | | | |
| I. H. Freeman, 21 | 89 | 109 | 478 | 687 | 392 | 1755 | |
| C. M. Schnieder, 18-2 | 164 | 114 | 399 | 858 | 446 | 1981 | |
| E. L. Simpson, 18-1 | 155 | 130 | 382 | 511 | 336 | 1514 | 5250 |
| FOR VICE PRESIDENT | | | | | | | |
| Wm. Frank, 26-5 | 64 | 89 | 599 | 397 | 459 | 1608 | |
| S. C. Newlin, 3-3 | 202 | 56 | 304 | 1224 | 346 | 2132 | |
| R. O. Orff, 6-2 | 147 | 207 | 351 | 421 | 369 | 1495 | 5235 |
| FOR SEC. VICE PRESIDENT | | | | | | | |
| Helen Bleeke, 19-5 | 79 | 95 | 430 | 442 | 565 | 1611 | |
| Esther Moll, 21 | 134 | 161 | 555 | 872 | 414 | 2136 | |
| Lavera Vail, 18-3 | 198 | 95 | 279 | 726 | 235 | 1533 | 5280 |
| FOR SECRETARY | | | | | | | |
| Ralph Perkins, 6-2 | 147 | 69 | 339 | 444 | 272 | 1271 | |
| G. E. Plaisted, 19-3 | 124 | 50 | 327 | 232 | 491 | 1224 | |
| Frank Quinn, 4-3 | 140 | 230 | 586 | 1365 | 409 | 2730 | 5225 |
| FOR TREASURER | | | | | | | |
| E. C. Reese, 19-3 | 146 | 155 | 685 | 853 | 627 | 2466 | |
| L. J. Schnieders, 18-2 | 264 | 189 | 546 | 1167 | 543 | 2709 | 5175 |
| FOR DIRECTORS | | | | | | | |
| Elmer Auman, 26-5 | 56 | 91 | 494 | 280 | 254 | 1175 | |
| A. L. Foellinger, 4-5 | 131 | 105 | 336 | 1246 | 196 | 2014 | |
| A. M. Snodgrass, 19-5 | 226 | 156 | 417 | 513 | 725 | 2037 | 5226 |

AMENDMENT TO CONSTITUTION
Shall Outgoing President be Additional Director?

| | |
|---|---|
| Yes | 4010 |
| No | 817 |
| Did not vote | 487 |
| Total | 5311 |

OFFICIAL COUNTERS
G. R. Lindemuth
Geo. Waldschmidt
M. Einseidel

W. F. Melching A. M. Snodgrass Hilda Walda E. A. Barnes

G-E CLUB DIRECTORS

## A Daytime Christmas Party for the Children

A BIG committee representing the G-E club this year is arranging a daytime Christmas party for the children of employees of the Broadway and Winter Street Plants. The party will be held on Monday, December 24th, the day just preceding Christmas and will be in the gymnasium of the G-E Club. The whole gymnasium will be transformed into a fairyland for the youngsters, with exhibits that will be of particular interest to them. There will be mechanical and electrical toys in operation, live birds and small animals jumping about, funny motion pictures to amuse the children, Santa Claus' work shop busy turning out toys, a big Christmas tree and old Santa himself to pass out the treat. Every effort is to be directed toward showing the kiddies a good time and it is hoped that all the children of G-E employees will be on hand.

Don't forget that the party this year is to be in the daytime. This is to accommodate all the mothers and children. The doors will be opened at 10 o'clock in the forenoon and the party will go on continuously until 4:00 p.m. The children and their mothers may come in at any time but it is hoped that some will arrange to visit the exhibit in the forenoon, as there will scarcely be room if all should come at the same hour.

Tickets admitting the children will be given out by the foremen as in former years.

Many of the men and women of our Plants, no doubt, will wish to see the exhibits; therefore to accommodate them the doors will be open to all from 4:00 to 6:00 p.m. Preceding 4:00 o'clock only those accompanying the children will be admitted. This is to keep all the room possible for the children and we are sure everyone will be willing to co-operate.

Expectation is that this will be the biggest and best G-E Christmas party ever attempted. If possible, arrange for the children to come.

## Eleven Enroll for Apprentice Work

THE past month was unusual in that there were no graduations from the Apprentice school here. However, the number of enrollments during the month was unusually large, eleven young men starting the courses. These new students bring the enrollment up to a new high mark of 182.

The new apprentices are Lawrence Combs, of Vincennes; Bernard Kramer, of Washington, and Clifford Bowman, of Fairmount, enrolled for the three-year draftsman course; and Herman Pence, of Bluffton; Clarence Stoppenhagen, of Decatur; Chalmers Hazen, of Columbia City; Edward Bradbury, of Lafayette; Ralston Penick, of Pleasant Lake; Wayne Snyder, of Mendon, Ohio; Albert Wiedeman and Fred Friedman, both of Fort Wayne, enrolled for the four-year machinist and tool maker course.

### Greetings

*The members of the Fire and Patrol Depts. desire to express their appreciation of the excellent co-operation employees of Fort Wayne Works have given them during this year, and wish everyone a "Merry Christmas."*

By: PAUL GRIMME,
*Fire and Patrol Chief.*

## G-E Squares Select New President

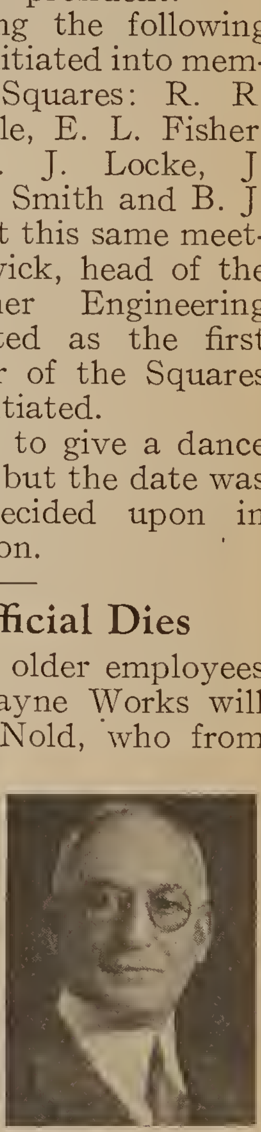
DUE to the recent transfer of T. Volkmer to Erie Works it was necessary for the G-E Squares to select someone to finish out Mr. Volkmer's term as president of the club. At the regular meeting on November 6th, T. N. Ness, Fractional Hp. Motor Engineering Dept., was elected to serve out the unfinished term as president.

At this meeting the following applicants were initiated into membership in the Squares: R. R. Black, P. D. Dale, E. L. Fisher, J. Hancock, W. J. Locke, J. Pendleton, A. M. Smith and B. J. Weichters. Also at this same meeting R. H. Chadwick, head of the local Transformer Engineering Dept., was elected as the first honorary member of the Squares and was duly initiated.

The club plans to give a dance during December but the date was not definitely decided upon in time for publication.

## Former Official Dies

MANY of the older employees of Fort Wayne Works will remember L. S. Nold, who from 1901 to 1913 was treasurer of the Fort Wayne Electric Works and in charge of accounting work here at our local plant. They will regret to hear of his sudden death at Atlantic City on November 23rd. A telegram from Mrs. Nold to J. H. Evans on that date bore the sad news of Mr. Nold's death.



L. S. Nold

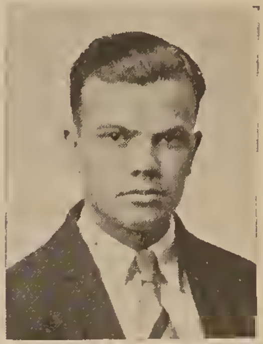
On leaving our Company, Mr. Nold accepted a position as treasurer of General Vehicle Co., of Long Island City, N. Y. Later he was treasurer of the Mitchell Motor Car. Co., of Racine, Wisconsin. At the time of his death he was treasurer of the American Writing Paper Co., Holyoke, Mass. The funeral was held at Holyoke on November 26th.

Oscar Huge

Everett Gearhart

Harry Feaser

Henry Jordan


Dallas F. Robbins

# Suggestion Awards Total $1130 for November

A SUGGESTION covering a better way to construct the registers for certain watthour meters was the basis for the largest suggestion award made at Fort Wayne Works during the past month. Everett Gearhart, of the Meter Stock Room, Bldg. 19-5, in this suggestion presented a plan for a simplified register gear train that eliminated a number of parts and solved many manufacturing difficulties. The award was $300.

Edward C. Van Horn, Bldg. 6-2, in November received $75 additional award on his suggestion regarding the packing of fractional horsepower motors, frames 1445, 1447 and 1449, in corrugated paper cartons on which he originally received $15, and later $60 additional. The total of these awards on Mr. Van Horn's suggestion is $150.

Edward Klomp, Bldg. 4-5, also has been awarded an additional $65 on his suggestion of rolling certain fractional horsepower motors in solder instead of dipping them. The original award made to Mr. Klomp was $60.

Henry Jordan, Bldg. 6-2, has been presented an additional award of $50 on his suggestion regarding the packing of fractional horsepower motors, frames 1445, 1447 and 1449 in corrugated paper cartons. His original award was $50.

Dallas F. Robbins, Bldg. 19-5, received $40 award on his suggestion of supplying wire brushes for cleaning leads in Bldg. 19-5.

Philip Weick, Bldg. 19-4, was awarded $40 on a suggestion of an improved packing for Y-39 motors shipped from the Meter Dept.

Carrell Rigby, Bldg. 26-2, was awarded $35 on a suggested change to the construction of GW-45 transformer spools.

Ray J. Hausbach, Bldg. 27, suggested supplying an additional torch for cutter used in Bldg. 27 and was awarded $30.

Oscar Huge, Bldg. 19-3, received $25 award on his suggestion regarding a change to induction motor bearings.

Harry Feaser, Bldg. 19-4, received $25 award on his suggestion regarding a change to the tapping head on meter base machine.

Gene Kinsey, Bldg. 19-5, on his suggestion regarding the reducing of the length of the I-16 coil strips was awarded $15.

Edward F. Girbin, Bldg. 20-2, received $15 award on his suggestion regarding use of Neon bulbs for open circuit testing equipment.

Frank E. Wynkoop, Bldg. 19-3, received $15 award on his suggestion of a change to drilling of the holes for roller bearing in frames in the Meter Dept.

John Miles, Bldg. 26-2, on his suggestion regarding machine for winding off wire from spools in Bldg. 26-2 received $15.

Paul Bauer, Bldg. 26-2, on a suggestion relating to change in suggestion regarding the eliminating washing operation on Y-1255 transformers was awarded $15.

Richard Taylor, Bldg. 22, was awarded $15 on suggestion relating to change in the iron used in bell transformers.

George F. Huber, Bldg. 8-2, received $15 as award on his suggestion of a change in the method of making corrugated cylinders in the Wire and Insulation Dept.

George Friess, Bldg. 19-4, received $15 award on suggesting a change to terminal cover jig used in Bldg. 19-4.

Edward W. Miller, Bldg. 19-4, received $10 award on suggested change to stud used with Type G meter window clip.

Norman S. Biddle received $10 award on suggestion of change to screen on press in Bldg. 17-2.

Ralph A. Ballenger, Bldg. 19-4, received $10 award on suggestion regarding supplying stockinette for certain MC relay leads.

J. L. Hendricks, Bldg. 8-2, was awarded $10 on suggestion regarding change to polishers on insulating machines in Bldg. 8-2.

Thomas Hildebrand, Bldg. 26-2, was awarded $10 on his suggestion regarding change to current transformer protection pieces.

Irma M. Kern, Bldg. 4-4, received $10 award on suggestion regarding change to slotting of armature gauges used in Bldg. 4-4.

Glen C. Cook, Bldg. 26-B, suggested supplying a special counter for weighing material in stock Room, Bldg. 26-B, and received $10 award.

Joseph M. Jenkins, Bldg. 6-1, suggested a change to the method of packing phonograph discs and received $10 award.

Edward Klomp

E. C. Van Horn

Ray J. Hausbach

Philip Weick

Forty-nine different awards of $5 each were made by the local Suggestion Committee since the last published report. These are as follows:

Forest J. Stonerock, Bldg. 20-1, improved stand for automatic screw driver in Bldg. 19-4.

Edward A. Renz, Bldg. 26-2, change to use of varnished cambric on certain jobs in Bldg. 26-2.

K. G. Lagerlof, Bldg. 19-2, supplying leather tabs on transfer cases.

Walter Rehling, Bldg. 4-5, dust-proof covers for flange containers in Bldg. 4-5.

Herbert E. Kellermeyer, Bldg. 22, change to pedal on press No. 6498 in Bldg. 22.

Harry Crebb, Bldg. 17-2, change to method of cooling trays in Bldg. 17-2.

Max Roberts, Bldg. 4-4, change to riveting fixture used in Bldg. 4-4.

Earl Marsh, Bldg. 4-3, enlarging grooves in blocks at Mach. No. 13857 in Bldg. 4-3.

Wm. G. Kempf, Bldg. 19-5, supplying chute for die used in Bldg. 19-5.

Raymond J. Dotzer, Bldg. 4-4, change to chucking lugs on certain Frac. Hp. motor castings.

Erma Dauscher, Bldg. 19-5, using chamois for cleaning meter discs.

Lawrence Walters, Bldg. 2-E, supplying a guard at hoist in Bldg. 7-1.

A. E. Miller, Bldg. 26-2, supplying a lead measuring device in Bldg. 26-2.

Joseph J. Koble, Bldg. 26-2, change to core removing fixture in Bldg. 26-2.

Raymond J. Dotzer, Bldg. 4-4, change to method of chucking certain Frac. Hp. motor castings.

J. Orlo Kelker, Bldg. 4-2, changing lighting fixtures in Bldg. 4-2.

Glen Cutler, Bldg. 17-3, supplying device to keep oil from stator end rings in Bldg. 17-3.

Lawrence Walters, Bldg. 2-E, supplying a guard for drain pipe at Bldg. 7.

A. J. Richert, Bldg. 12-2, supplying additional sizes of counter bores for Tool Depts.

W. O. Mills, Bldg. 17-2, change to doors at annealing furnace in Bldg. 17-2.

Basil M. Bowley, Bldg. 4-5, change to system of numbering certain Frac. Hp. motor leads.

John F. Fulk, Bldg. 20-1, supplying an improved switch on punch press.

Oral G. Emtick, Bldg. 26-3, saving solder in the Transformer Dept.

J. F. Payton, Bldg. 26-2, change to cement used on terminals of oil testing transformers.

Earl Greenlee, Bldg. 4-1, a change to the method of testing certain motors in Bldg. 4-1.

F. Steinbacker, Bldg. 4-4, supplying an automatic shut-off valve at fountain in Bldg. 4-4.

J. Orlo Kelker, Bldg. 4-2, change to Form FW-698.

John N. Smith, Bldg. 26-2, supplying guards for winding machines in Bldg. 26-2.

David Bushee, Bldg. 4-4, changing bushings in jig No. 13663 used in Bldg. 4-4.

Gaylord H. Evans, Bldg. 26-2, change to guard at conveyor in Bldg. 26-2.

Carlton Brudi, Bldg. 26-2, supplying a guard for grinder in Bldg. 26-2.

Georgia J. Wait, Bldg. 4-4, supplying a movable table at riveting machine in Bldg. 4-4.

Paul L. Sanders, Bldg. 4-1, installing an additional bench in Bldg. 4-1.

Joe H. Cline, Bldg. 26-2, change to insulation used with Y-1392 transformers.

Doyle Miller, Bldg. 26-3, supplying strainers in air lines to punch presses in Bldg. 26-2.

L. Carpenter, Bldg. 4-1, change to lubrication of Young Bros. oven in Bldg. 4-1.

S. F. Alspaugh, Bldg. 19-4, change to construction of pinion used in Bldg. 19-4.

Harry G. Todd, Bldg. 19-4, change to method of spraying I-16 cover dust guards.

F. W. Kespohl, Bldg. 19-4, change to system of oiling certain meter jewel screws.

Carl Hankel, Bldg. 8-1, supplying guard for drive chain in Bldg. 8-1.

Harry Ganther, Bldg. 7-3, supplying chip guards for machines in Bldg. 17-3.

G. Mangels, Bldg. 17-3, supplying an arm for shear table in Bldg. 17-3.

G. Mangels, Bldg. 1-3, change to gauge on shear in Bldg. 17-3.

Russell Steele, Bldg. 26-2, change to tension devices used in Bldg. 26-2.

Lawrence W. Schuster, Bldg. 26-B, change to size of carton bundles used in the Transformer Dept.

Lawrence W. Schuster, Bldg. 26-B, change to method of wrapping spacers used in the Transformer Dept.

Frank E. Wynkoop, Bldg. 19-4, change to jig No. 5740 used in Bldg. 19-4.

J. F. Payton, Bldg. 26-2, shortening leads on portable oil tester transformers.

Wm. C. Kempf, Bldg. 19-5, supplying a pan at Mach. No. 13305 in Bldg. 19-5.

## R. C. A. Radio Equipment

*Effective September 1st, the Radio Corporation of America arranged for the local R. C. A. dealer, the C. H. Lines Motor Co., 432 W. Main Street, to take over the sale of all radio sets and parts to G-E employees at special cash prices. Since then indications have pointed to the fact that many more employees might be interested if they could purchase radio equipment on a deferred payment plan. We are pleased to announce that a deferred payment plan now has been worked out. Anyone interested in the purchase of R. C. A. sets or parts should see R. O. Orff, Bldg. 6-2.*

## Absent Employees

Ward W. Cary, Apparatus Test Dept., Bldg. 19-1, who has been away from work for several weeks on account of sickness, reports that he is feeling some better.

Mary Ann Linder, Meter Dept., Bldg. 19-4, has been ill and unable to be at work for several weeks. Her absence has been prolonged because of several relapses.

Mrs. Rosetta Ormiston, Cafeteria Dept., Bldg. 16-1, is convalescing at the Methodist Hospital from a serious operation. It probably will not be long until she is able to leave for her home at 4027 Piqua Ave.

Kenneth Strong, Fractional Hp. Motor Dept., Bldg. 3-3, is now at his home, 326 E. Pontiac St., recovering from an operation. He reports that he is feeling so fine that he should soon return.

Blanche Marie Kessler, Transformer Dept., Bldg. 26-2, has been confined to her home for several weeks by an attack of diphtheria.

Fred Kiefharber, Apparatus Dept., Bldg. 19-1, is ill with neuritis at his home at 802 Lavina St. He thinks he will be able to return to work soon.

Ira Swank, General Service Division, who has been confined to the Methodist hospital for several weeks following an operation, is now at his home on R. R. No. 6 and is improving nicely.

George Weichelsfelder, Transformer Dept., Bldg. 26-2, who has been absent from work for several months is now convalescing from a recent operation. His condition is better.

Louis Wright, Transformer Punch Press Dept., Bldg. 22, who has been suffering from diabetis, is recovering from a recent operation in which it was necessary to amputate his right leg. Mr. Wright's condition is much improved and no doubt he would appreciate a visit from his friends.

William Kruse, General Service Division, who is convalescing from a recent operation, visited the Plant a few days ago and seemed to be in fine condition.

Philip Rentschler, General Service Division, is now at his home at 1335 Taylor St., recovering from an operation and reports that he is improving nicely.

Mrs. Ella McGaffey, Cafeteria Dept., Bldg. 16-1, is now at her home at 924 Cottage Ave., following anoperation.

## M.B.A. Officers, 1929

| Sec. | Chairman | Vice Chairman | Secretary-Treasurer | Tel. |
|---|---|---|---|---|
| 1 | A. Konow, 18-1 | E. J. Stroud, 18-2. | Ruby Kuhn, 18-2. | 632 |
| 3 | R. J. Gollmer, 10-1. | E. Gebert, 8-2. | A. Hambrock, 8-2. | 232 |
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| 19 | N. G. Prince, 19-2. | George Kinnerk, 19-2. | Ralph Hageman, 19-3. | 521 |
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| 29 | F. W. Cooper, 18-5. | Hilda Hoeltje, 18-5. | W. H. Weikart, 18-4. | 550 |
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## Anthony Rose and Joshua Payton Retire

ANTHONY ROSE, Bldg. 12-1, and Joshua Payton, Bldg. 19-5, were recently retired from active service under the optional retirement provision of the Company's pension system.

Mr. Rose, who completed 25 years of continuous service on March 17, 1928, and was then admitted to membership in the G-E Quarter Century Club, has been a tool clerk since 1912. In fact, he worked in the tool coop, Bldg. 2-1, back in the days when there was but one such place in our Plant to check out tools. His first experience in this work was as an assistant to John Wactmiller, who was then in charge. After the death of Mr. Wactmiller, Mr. Rose continued to hand out the tools. This particular stock of tools has been moved in more recent years, first to Bldg. 17-1 and thence to Bldg. 12-1 and Mr. Rose moved with them. His long experience in this work has brought him into personal acquaintance with hundreds of employees, many of whom he could quickly identify by their tool check numbers.

Anthony Rose

For several years the wife of Mr. Rose has been in poor health and since October 1st it has been necessary for him to stay at home to take care of her. For this reason he asked to be retired, and a pension accordingly was granted to him effective from October 1st.

* * *

Mr. Payton, who was an inspector in the Meter Dept., Bldg. 19-5, finished his active service here on November 24th, and his pension became effective November 6th. Mr. Payton, now a little over 69 years of age, took employment here November 23, 1908, under Charles Bremmer. A little later he worked as an assembler in the machine shop under William Schultz, who was then the foreman. Later he worked for a number of years in the brush-holder department, but in 1922 was transferred to the Meter Dept., working first under Mr. Klingman, then under William Miller, and finally as inspector under the direction of H. C. Braun. For some time Mr. Payton has not been in very good health and it is hoped that his retirement from service will be beneficial to him. He is the father of M. J. Payton, engineer in the Meter Dept.

Joshua Payton

## Deaths

### Irene Marsh

IRENE Marsh, Fractional Hp. Motor Dept., Bldg. 4-5, died on November 6th at the age of 19 years. She had taken employment on June 18th, starting work in the section under Mr. Hemrick in Bldg. 17-3. On August 15th she was transferred to similar work on armatures under Mr. Foellinger in Bldg. 4-5 and worked there until September 29th, the beginning of her final illness. Miss Marsh was a daughter of Mrs. Elsie Patterson, a matron here at our

*(Continued on page IX)*

GENERAL ELECTRIC NEWS
FORT WAYNE WORKS

*Published on the third Friday of each month by the General Electric Co. in the interests of the employees of the Broadway, Winter Street and Decatur Plants.*

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Fohn L. Verweire..........................Band
J. E. Hall...............Quarter Century Club

Vol. 12 December 21, 1928 No. 12

## Safety Paragraphs

### A Suggestion for Santa Claus

First aid kits, fire extinguishers and headache remedies sound like zero in Christmas gifts, but newspaper reports on December 26th each year indicate that Santa might pick less appropriate presents.

The Christmas bells that peal out the message of peace on earth and good will to men are often followed by the gongs of the Fire Department. Christmas brings together the whole family and usually a collection of combustible material.

Consider the ordinary Christmas tree with its trimmings. The evergreen branches will burn readily, especially when dried out in a steam-heated apartment. Paper bells and yards of tissue paper festoonery and cotton snow add to the pile of fuel. On and around the tree are the gifts in tissue paper wrappings.

One would think that no one would use lighted candles in the midst of a potential bonfire, but the fire insurance companies know it only too well. Make-shift electrical installation and paper shades on electric lamps add to the hazards.

Overeating might be classed among the perils of Christmas, but fortunately its results are seldom serious or lasting. Celebration with stimulants of unknown quality has furnished many a case for the coroner, but even "safe" beverages often dull the normal sense of caution so that slight hazards become serious.

Since Christmas preparations involve considerable climbing, a good step-ladder ought to be one of the first items on the shopping list.

Take all sensible precautions but don't worry. Our wish is that your Christmas this year may be not only safe but merry in the best sense of the word.

* * *

Few accidents happen when we are wide awake and facing danger. The trouble begins when we become so used to the danger that we turn our back on it, forget about it, or let our thoughts wander elsewhere.

* * *

### Why We Talk Safety

We talk safety in our magazine and on our bulletin boards to remind men of important things which they are constantly forgetting; not to supply any defects of their intelligence. We believe that the average man is normally careful, but human resolutions and purposes are frail things and it is these lapses rather than wilfull recklessness that constitutes nine-tenths of what is usually called "carelessness." Our safety talks and safety rules are sign posts to prevent you from wandering unintentionally from the path of safety into the slippery detours of negligence and unsafe practices.

Fourteen lost-time accidents were reported for the month of November. Four of these accidents did not happen in November, but during previous months, three of them being hernias, which were not counted as lost-time accidents until they went to the hospital and one being an infection which occurred last July and was not accepted as a lost-time case until the month of November. Of the remaining ten accidents, seven are already back to work and the other three will be back to work within the next two weeks, which indicates that our accidents for November were not very serious.

The standing of the various Divisions on December 1st, based on the number of lost-time accidents, is as follows:

| | |
|---|---|
| Receiving and Shipping | 1 |
| Decatur | 2 |
| Expense | 4 |
| Tool | 7 |
| Meter | 11 |
| Apparatus | 11 |
| Winter Street | 14 |
| General Service Division | 17 |
| Fractional Hp. Motor | 33 |
| Transformer | 38 |

L. C. SWAGER,
*Safety Engineer.*

## Lillian M. Gilbreth Addresses Foremen

On November 15th, Mrs. Lillian M. Gilbreth, the internationally known author and lecturer in the field of scientific management, was the guest speaker at a special dinner meeting of the Foremen's Association at which the Works officials, department heads and others were present.

Mrs. Gilbreth's subject was "The Work Place and the Work Method." In her address she related the experiences which led her husband, the late Frank B. Gilbreth, to undertake the work in motion study in which she shared and mentioned many interesting facts incident to their early investigations and the progress which has been made. She emphasized the necessity for the co-operation of everyone from the tool designers to the workmen in securing the ultimate results from the work of the motion study specialists. The need to take into account the differences in personality of individual workers was stressed.

The fact that Mrs. Gilbreth, after her husband's death in 1924, had undertaken to carry on alone with the work, even though she had a family of ten children to care for, is surely an inspiration to anyone not to be dismayed by difficulties that may be in one's path. It was truly a privilege to hear Mrs. Gilbreth's masterly discussion of her subject and at the close the audience gave her most hearty applause.

NEW OFFICERS OF FOREMEN'S ASSOCIATION

*Left to right—Back row:* W. Skevington, treasurer; W. Miller; first vice president; K. Szink, second vice president. *Front row:* A. R. Hall, secretary; Robert Gallmer, president; A. Druce, third vice president.

# Foremen Combine Election With Thanksgiving Frolic

THE Foremen's Association held their annual election and Thanksgiving frolic in Bldg. 16-2 on November 28th. A turkey supper with all the trimmings was served at 6:30 and this was followed by the election and then the program of entertainment.

Foremen of the Decatur Plant were in charge of the entertainment. They presented the Decatur orchestra, composed of Bob White, Frank Rayle, Floyd Johnson, Lloyd Ahr, Freck Hower, Fred Engle and Dan Brown, which furnished instrumental music during the dinner and also accompanied the minstrel troupe from Decatur, composed of Fred Schurger, Arthur Hyland, Ray Mumma, Kermit Bower, Ralph Butler, Gordon Atchenson, Timan Gehrig, Frank Geary, Felix Maier, Floyd Enos, Robert Hescher, Forest Zimmerman and Freck Hower, which staged some clever comedy and several snappy musical numbers.

A turkey raffle in which Bob Gollmer and John Schwartz, of Winter street, carried off the prizes, and initiation of candidates for membership were other features on the entertainment program. Those who safely passed through the ordeal of initiation were: Arnold Brinze, Frank Brindle, George Prince, H. Bennett, Russell Cummins, Walter Long, John Blakely, Richard Kammeyer and E. J. Graham, of Broadway Plant, A. J. Seibt, of Winter Street, C. C. Langston and E. J. Buckley, of Decatur.

In the election which was held the following men were honored by being chosen to direct the club's affairs during 1929: R. J. Gollmer, president; W. H. Miller, 1st vice president; K. Szink, 2nd vice president; A. Druce, 3rd vice president; W. Skevington, treasurer, and A. R. Hall, secretary. The retiring officers are: C. V. Bobay, president; O. L. Weitzman, 1st vice president; Walter Holloway, 2nd vice president; Geo. Harkenrider, 3rd vice president; J. R. Snyder, secretary; G. Thiele, treasurer, and Lloyd Platt, member board of management.

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## Deaths

*(Continued from page VII)*

Broadway Plant, and a brother of Earl Marsh, Bldg. 4-3. The funeral was held November 9th.

* * *

### James Williams

James Williams, stacker in the Fractional Hp. Motor Dept., Bldg. 17-2, died in a hospital at Wauseon, Ohio, November 19th, as a result of injuries received that day in a grade crossing accident which occurred near Delta, Ohio. Mr. Williams had been employed here but a very short time, his service dating only from August 20th of this year. Mr. Williams was only 20 years of age. His mother, Mrs. Clara O'Leary, of Cass street, two brothers and two sisters survive. The funeral was held at his mother's home on November 21st with burial in Lindenwood.

* * *

### Andrew Miller

Andrew Miller

Andrew Miller, General Service Section, Bldg. 20-1, died suddenly of a heart attack which occurred at his brother's home near Churubusco where he had gone for an afternoon's hunt. Mr. Miller had been employed here continuously since May 23, 1917, working all of the time at his regular trade as a steam fitter. He was an uncle of W. H. Miller, foreman of the Mechanical Maintenance section, and a brother of William G. Miller, Transformer Division. Also surviving are his widow, Mrs. Sarah E. Miller, and six children, three sons and three daughters. The funeral was held at the West Jefferson St. Church of Christ on November 27th.

* * *

### Mrs. Ruciel Thompson

Mrs. Ruciel Thompson

Mrs. Ruciel Thompson, Mica and Insulation Dept., Bldg. 10-1, died November 16th at the Lutheran Hospital, following an illness of several weeks. Mrs. Thompson began work here in 1918; many will remember her as Ruciel Springer. She left on May 6th, 1921, to be married, and was re-engaged October 9, 1922. She worked for a time as a coil winder in the Induction Motor Dept., but since December 21, 1926, she had been on insulation work in Bldg. 10. She leaves a son, Dale, age 7 years, and her husband, Luther, who is an assembler at Winter Street Plant. The funeral was held November 19th.

Gathered in Honor of Russell Case

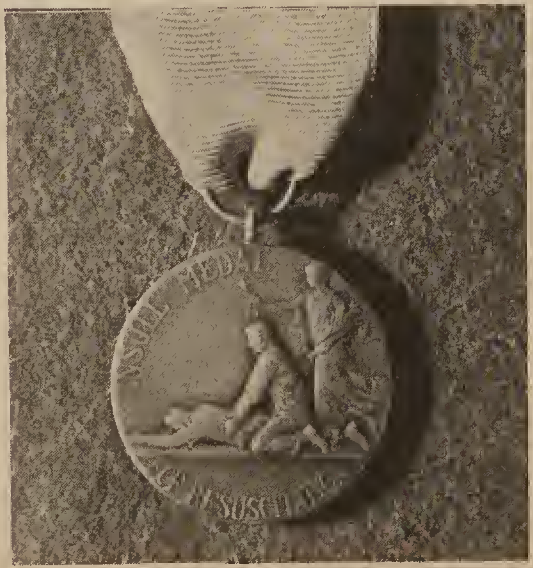
# When Russell Case Received the Medal

SEVERAL hundred employees of the Broadway Plant at the noon hour on November 22nd, assembled in the G-E Club gym to do honor to Russell L. Case on the occasion of the presentation to him of the Insull Medal awarded by the National Electric Light Association for saving a life by the prone pressure method of resuscitation, as described on the opposite page.

The details of this accident and the prompt and effective action on the part of Mr. Case were recalled by General Superintendent E. A. Barnes before he introduced Mr. Goll, the manager of our Works, who made the presentation.

"We are here," said Mr. Goll, "to do honor to a man who by rare good judgment and presence of mind succeeded in saving a fellow employee from a fatal accident. Russell Case exercised wonderful judgment in starting to work immediately upon the method of resuscitation which he had learned here in the classes which we hold from time to time for this instruction. Had he not applied that remedy immediately; had he been undecided; had he attempted to summon aid and assistance, the probability is that Carl Bohde would not be with us here today.

"Mr. Samuel Insull—probably the most outstanding figure in the public utility world, the president of the Commonwealth Edison Company at Chicago, and Chairman of the Board, and at the head of other large public utilities—several years ago put aside in his own name a fund, the proceeds of which were to supply medals and certificates to those who successfully practiced this method of resuscitation. This is the first instance in which the Fort Wayne Works has been fortunate enough to have this medal awarded. Shortly after this accident occurred the management here immediately made representations to the proper authorities recommending that the Insull medal and certificate of merit be awarded in this case and full details of the accident and the method pursued were furnished. It took some time to secure action. It had to go through probably several committees, but finally we were delighted to find that the award had been made.



The Medal

"And so it is my pleasure now to make a presentation to Russell Case as a reward of merit for his outstanding work of, first, the Insull Medal, and, second, a certificate of merit of the National Electric Light Association making an award of the Insull medal. And I present to you now Mr. Russell Case.

On being presented to the audience Mr. Case remarked that although he might not have been rattled at the time of the accident he was quite a bit rattled as he stood before the audience. In a few words he expressed his appreciation of the honor bestowed.

Mr. Bohde, on being introduced, remarked that as he knew nothing at all of what was happening at the time of the accident he thought the best way to show his appreciation was by remaining quiet.

Robert M. Feustel, president of the local lighting and traction company and the personal representative of Mr. Insull here in Indiana, was present for the presentation and expressed his appreciation of being there with the others to do honor to Mr. Case. He emphasized the deep concern of executives over the possibility that employees might suffer injury and the earnest desire that things might be so done that such unfortunate occurrences would be impossible.

The Works Band, which offered a half-hour of music preceding the presentation, closed the ceremonies by playing the Star Spangled Banner.

# G-E Men Win Insull Medals

THREE G-E employees—Russell Case, Ft. Wayne Works, and Myron A. Best and John A. Wullschlager, Schenectady Works, were recently awarded Insull Medals by the National Electric Light Association. A limited number of these medals are given each year to men and women in the electrical industry who have successfully resuscitated a victim of electric shock by the Schaeffer or Prone Pressure method.

Russell Case

M. A. Best

J. A. Wullschlager

Mr. Case was awarded a medal for saving the life of a fellow worker by resuscitation. Just after lunch one day last spring, Carl Bohde, of the Ft. Wayne Works, called Case and asked him to bring some leads that were needed for a temporary connection at a switchboard. When Case arrived, Bohde asked him to push them under the board so that he could reach them. Case then turned back to his work, but after a few moments he noticed that Bohde was unusually quiet. He returned, stepped behind the switchboard, and saw Bohde lying unconscious on the floor. He had touched a high tension line.

Imagine yourself in Case's position. Behind a switchboard, in an enclosure arranged to keep people out; his co-worker unconscious and in grave danger; so much noise that no one could hear his calls for help! He knew that if he went for help it would be too late. So he did the one proper thing. Rolling the unconscious man over on his face, turning his head to one side, he started artificial respiration by the prone pressure method.

For a long time Bohde showed no signs of life, but Case kept on. Finally, Bohde's breathing started feebly to respond, and Case kept on until the breathing was fairly steady. He then left him for a moment to telephone for help, returning immediately to continue the work. When the Works physician arrived, the injured man was sufficiently revived to be taken to the dispensary.

Later, when Bohde had recovered fully, someone asked Case what he thought of the prone pressure method.

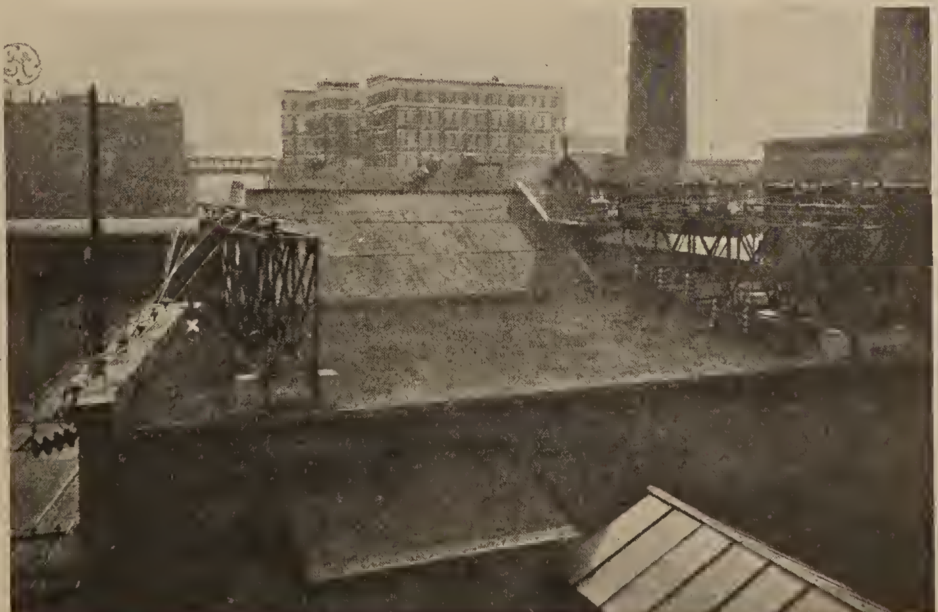
"It sure works," he said.

The medals awarded to Best and Wullschlager, of Schenectady, were for their work in resuscitating a fellow worker who had come into contact with a high-tension line. The injured man was Anthony X. Szymanski, who was engaged in painting the metal cornice and parapet shown in the picture. He was sitting at the spot marked with an "X," and in straightening up came into contact with one of the wires shown, which are 30,000-volt transmission lines supplying power to the Schenectady Works.

Some nearby painters saw the flash, and cried out attracting the attention of Best, who was in a nearby building. Best immediately rushed to Bldg. 13-F (on the roof of which the accident took place) calling to Wullschlager on his way. Mounting to the roof he found Szymanski unconscious, with his clothes and flesh on fire, lying between the steel trusses and the parapet. Crawling into this dangerously small area, through the truss and between the heavy bushings, Best reached the body and began beating out the flames with his cap and hands.

The fire partly extinguished, Best then struggled to get Szymanski back through the truss to the open portion of the roof. By superhuman effort he had almost succeeded in doing this, when Wullschlager, who had stopped to telephone the Emergency Hospital and to get a rope, appeared. Working, then, one on either side of the truss, they got the body through to the open roof, where they put out the remaining flames and Wullschlager began to administer artificial respiration. The hospital staff promptly responded and assisted in the resuscitation work, after which Szymanski was placed in a basket stretcher, lowered, and taken to Ellis Hospital.

Only the barest recital of the facts in these two cases has been made. But the coolness and unerring judgment of these three men, under such dangerous circumstances, should be mentioned. Mr. Case is a young man, and engaged in test work at Fort Wayne. That he performed his task with such success, even though relatively new at the game, shows him to be a young man of unusual initiative and resourcefulness.



Where the Rescue Was Effected

(*Continued on page 12*)

# Learning More About the Starry Spaces

## *New 200-Inch Telescope, Which G-E Will Help Build, Should Give Us More Knowledge of the Sky*

MILLIONS of stars and other celestial bodies never before seen will come within the view of man when a telescope four times as powerful as any now existing is completed during the next few years. At present the largest in the world is that at Mt. Wilson observatory, California, which has a diameter of 100 inches. The new one will have twice the diameter and four times the area.

The hardest problem in the building of the instrument is the making of the great 200-inch mirror which is the heart of the instrument. This will be made of fused quartz, which is superior in many ways to glass, the substance from which telescope mirrors are usually made. And the difficult task of making it will probably be intrusted to the Thomson Research laboratory of our Company, located at the West Lynn Works.

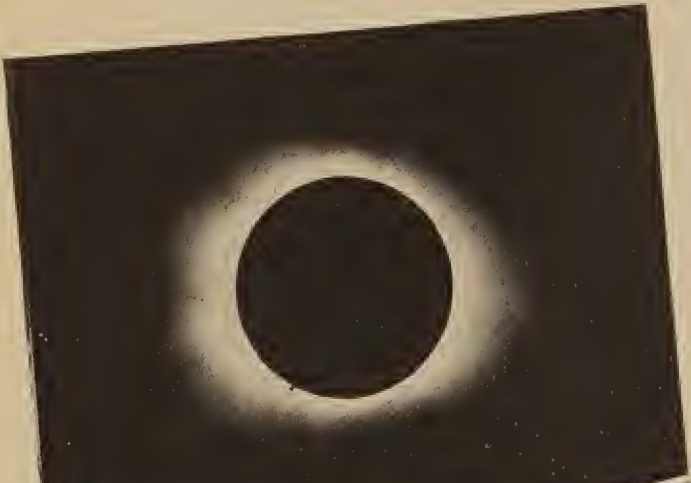
The largest telescopes in use today reveal a total of about a thousand million stars. This new telescope will add many more to those already available for study, and will reveal much new information about the universe, of which the earth is so tiny a part.

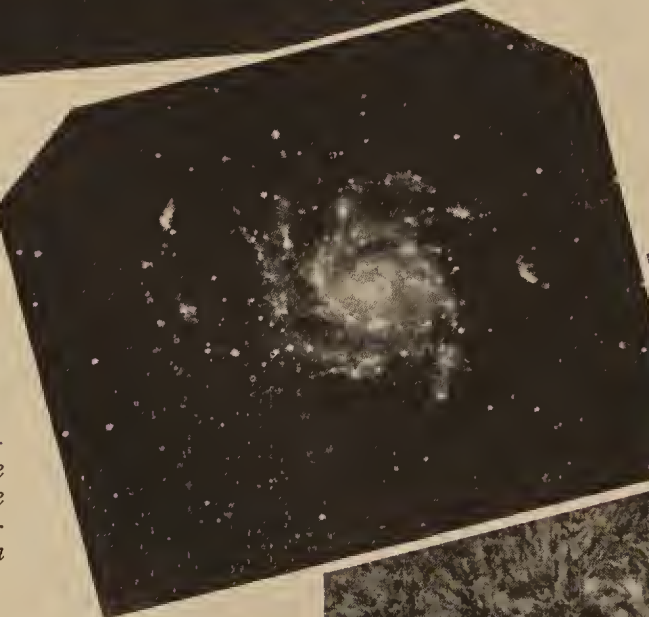
The astronomer deals in vast spaces, and in vast stretches of time. Such small units as miles and years, which do perfectly well for most of us, are useless to the astronomer. The units they use in measuring the stars and the celestial spaces are so huge that they leave ordinary mortals gasping.

An astronomer will tell us that we are very conceited to attach much importance to this world of ours. The earth, large as it seems, is a relatively insignificant speck in space. It is merely one of a number of small planets revolving around the sun. And the sun is so large in comparison with the earth that the entire planet on which we live could be completely lost inside of it.

Yet, as the astronomer points out, the sun is only a very ordinary sort of star. There are other stars, for instance, which give out ten thousand times as much light. No, the sun is just an average, everyday sort of star, with thousands upon thousands of others very much like it.

But at this point the astronomer asks us to think in even larger terms. Most of the stars that we can see, (including the sun), he says, belong to a sort of local star-cloud. And this star-cloud, itself, is only a small patch in the uni-





*Photos by Ewing Galloway*

*Above—A complete eclipse of the sun. This picture was taken at Goldendale, Wash., on June 18, 1918.*

*Center—A typical spiral nebula, or "island universe." Many of these spiral nebulae are millions of light years away.*

*Right—A photograph of the sun's flaming surface, where temperatures inconceivable to us are an every-day matter. (U. & U.)*

verse. On a clear night there is visible in the sky what is called the Milky Way—what the astronomers call the Galactic system. And *this* thickly populated strip across the sky is our *universe!* Actually, they have found out, we are looking at the Milky Way edgewise. It is really a thick disk composed of star-clouds like ours, and it looks so crowded to us merely because we get an edgewise view.

Some idea of the area of the Galactic system may be gained from the fact that our own local star-cloud is 2000 "light years" across. (A "light year" is the astronomer's unit of measurement. Light travels 186,000 miles *per second.* A "light year" is the distance which light, going at that rate of speed, will travel in a *year.* A "light year" is therefore the equivalent of 5959 *billion* miles.) Our star-cloud is 2000 "light years" across. And the Galactic System, or Milky Way, is composed of innumerable star-clouds similar to ours.

The astronomer also says that we are very far from the center of things. Our star-cloud, in fact, is way out in the suburbs of the Galactic System, the center being lost in the distance in the direction of the constellation Sagittarius.

But if we are to gain anything like a correct picture of the Heavens, our imaginations are in for another stretching. Astronomers have long suspected that ours is not the only universe. Through their telescopes they have detected, far in the distance, vague cloudy masses of stars, so faint that the individual stars are not distinguishable in many cases. These they call "spiral nebulae;" and their true character has been found. They are in fact "island universes," similar in size to our own huge Galactic system. It is believed that there are many thousands of these great systems, all floating about widely separated from one another. But no serious attempt has been made to estimate the number of them, since the most powerful telescopes fail to reveal them all to us. This is one of the tasks which the great new telescope will be set to work on.

The nearest of these "island universes," which has been named Andromeda, is about 900,000 "light years" away from us. That is, the light which left Andromeda 900,000 years ago is just reaching us today! This figure, translated from "light years" into ordinary miles, is in the neighborhood of 5,400,000,000,000,000,000 miles!

Briefly, that is a description of the extent of the starry spaces, as we know them today. What will the new telescope reveal? The California Institute of Technology, which will assist in the operation of the telescope, thus describes its possibilities:

"It should render possible the exploration of many 'island universes' beyond the Milky Way, the nearest two or three of which are now but slightly known.

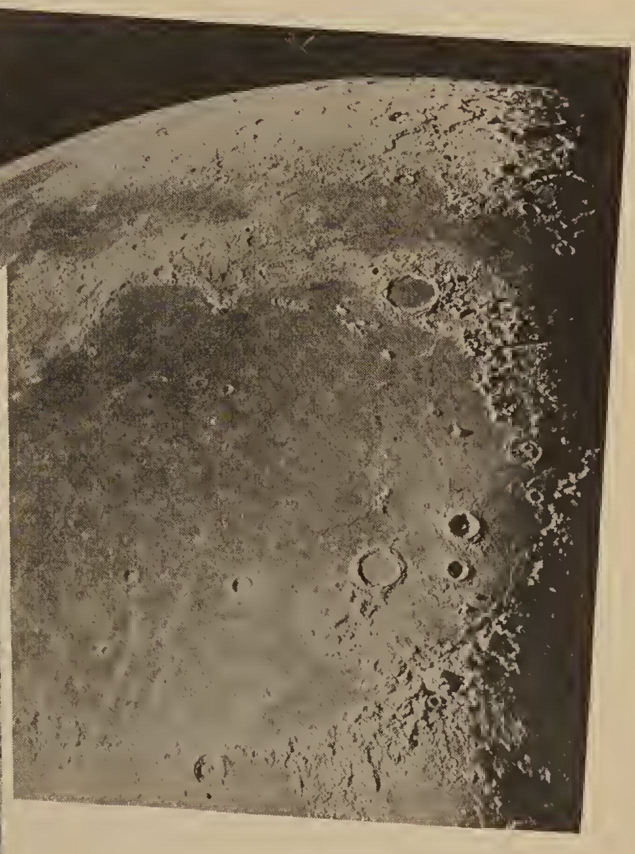
"It should tell us something about the evolution of these spiral nebulae, millions of "light years" distant, and much about the development of the stars of our Galactic system, one of which is the sun with its encircling planets.

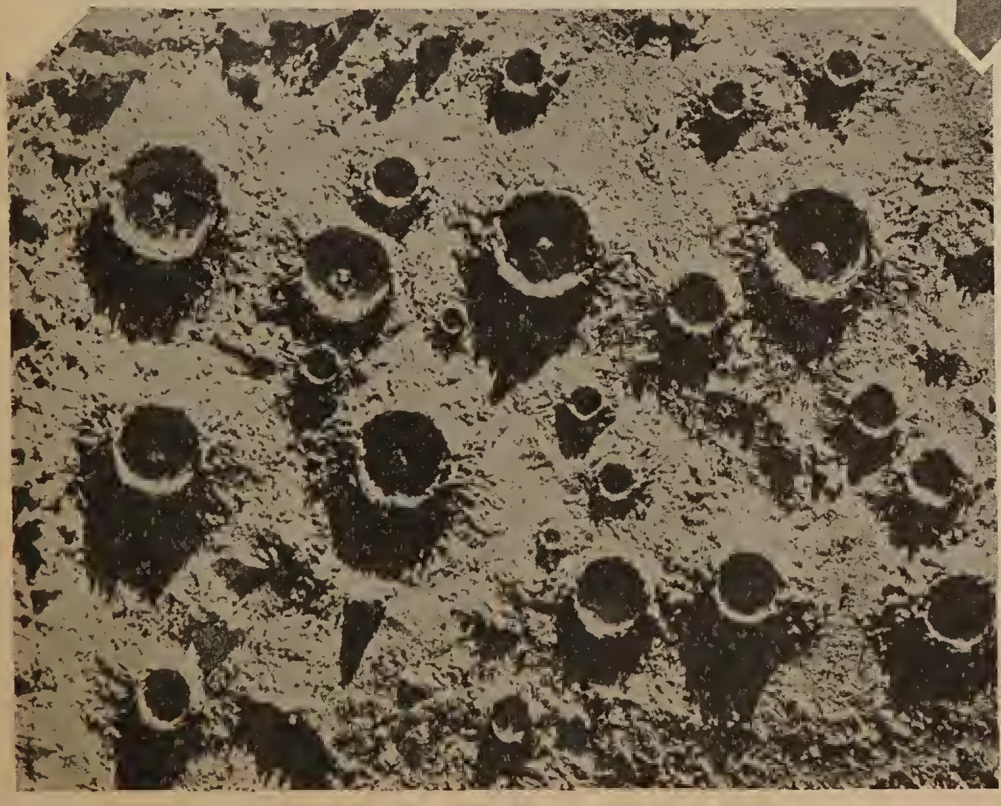
"It should solve many of the problems of physics or chemistry that depend upon the enormous masses or temperatures, or upon the immense density or extreme tenuity exhibited by celestial bodies.

"Incidentally, it should reveal hundreds of millions of stars and hundreds of thousands of nebulae beyond the range of existing telescopes."

This new telescope is made possible through the use of fused quartz instead of glass in making the great concave mirror—mirrors being used in large telescopes instead of transparent lenses.

(*Continued on Page 12*)





*Above—Closeup of the moon, taken with the aid of the 100-inch reflector at the Mt. Wilson observatory. This photograph shows the great lava lake.*

*Left—A still more striking closeup of the moon, taken with the same telescope. Some of the craters shown are over 50 miles in diameter.*

# Here and There With the G-E Cameraman

A street corner in Tientsin, China, guarded by nationalist soldiers. Notice the traffic lights on the pole and compare them with G-E lights.

Miss Blue Carton. This charming Miss will grace the advertising of the National Lamp Works during 1929

A huge G-E converter for the New York Edison Company too large to be shipped by rail to New York, shown being lifted aboard a special lighter fitted with a submarine lifting crane at the Hudson River docks in Albany

Another light job for New York's dapper mayor, Jimmie Walker. Mayor Walker is turning on the lights of the new Avenue A traffic light system, recently installed by G-E.

The new three-phase electric locomotives of the Italian State Railways at the Pistoia station. The Italian G-E is responsible for this electrification.

Night view of the Cleveland Union Terminal Building Tower. The floodlighting is by G-E experts

# *Around the World with General Electric*

### Alaska

To sell a G-E refrigerator in Alaska would seem at first thought as impossible as selling earmuffs in the center of the Sahara desert. Yet in Seward, a town in southern Alaska where the thermometer drops to 60 degrees below zero and stays there for long periods in the winter, we received an order for 20 electric refrigerators. The order came through the Seward Light and Power Co., which recently equipped a modern apartment house there with electric ranges, telephones and a built-in vacuum cleaner system in addition to lights and refrigeration. The old Alaska of mining camps, prospectors and dog sleds is slowly vanishing before the new Alaska with its automobiles, modern apartment houses, paved and well lighted streets. And with the new Alaska comes a comfort and convenience impossible in the romantic though dangerouus "good old days."

### Brazil

The advertising material that appears in our country is usually so simple and clear that anyone can understand it. But from Brazil comes the complaint that our ads, when translated literally, mean little or nothing to the people down there. Our recipes for waffles and other typical dishes prepared on ranges, refrigerators, waffle-irons, chafing dishes, etc., are as strange to them in many cases as is Chinese bird-nest soup to us. Some of the ingredients are not only unobtainable, but unknown to them. When advertising washing machines, soap powder cannot be mentioned, for that is unknown. Hot water must be mentioned specifically, since it is not a custom to use hot water for washing either clothes or dishes. The ads must not only be translated from English to Spanish but also must be translated into the thought and customs of the people.

### Lynn

Early in 1875, the Boston, Revere Beach and Lynn Railroad inaugurated regular service, starting with three locomotives and seven first class cars, finished in hard wood with plush upholstering and silver-plated mountings. Since then the traffic has grown fifteen-fold, but the stubby little steam engines continued up until this year to haul their picturesque trains over the nine miles of narrow gauge line between Boston and Lynn. Of course the rolling stock grew too. Early this year there were 96 passenger cars and 26 steam locomotives. But in November the G-E finished the complete electrification of this line, and the little locomotives puffed their last puffs. Sixty of the 96 passenger cars have been equipped with G-E 60-hp., 600-volt, direct-current railway motors and all the cars have electric lights, electric heaters and electro-pneumatic air brakes. In addition, G-E has supplied the catenary type overhead feed wires, automatic control substations and signal system.

### Mexico

Pulque, the favorite drink of the Mexican workmen, is a very temperamental liquor. It must be consumed within 24 hours after it is made or it will spoil. The Public Health Department recently ruled that all bars selling pulque must be equipped with a refrigeration system that will keep the liquid at a temperature of 50 degrees. The old wooden barrels containing about 65 gallons could not be cooled within the short time between the arrival of the drink in the morning and the time when the workmen arrived to consume it. Nor could it be transferred to metal containers without losing its taste. The Mexican G.E. has been working with the health department in an effort to solve the problem and has just completed a trial installation of special G-E refrigerating equipment.

### Hollywood

Probably nowhere in the United States is the problem of keeping slender more acute than in the movie colony at Hollywood. So one would scarcely imagine that the actors and actresses would be very much interested in food problems. Yet strange as it may seem, Bebe Daniels, noted star, has bought two refrigerators, one for her home and the other for her studio apartment. And in them she keeps such slenderizing foods as lettuce, fruits and vegetables, foods that must be kept cool and fresh. The sale was made through the George Belsey Company, distributors in Los Angeles.

### Texas

Now that airports are springing up all over the United States, it is interesting to note the number of the Class "A" ports that are being equipped with G-E lighting. From the San Antonio Office comes the report that the city of Brownesville, Texas, has ordered complete G-E equipment for its new airport, including two twin airport floodlighting projectors, a 24-inch rotating beacon and 73 boundary lights with transformers and cable.

### Argentina

There is scarcely a spot in the world where there are not some automobiles, and, wherever there are automobiles, there must be filling stations and garages. Also, where there are automobiles, there are such foolish things as flat tires. And the people of Argentina dislike as much as any Americans to pump up their tires by hand. Hence the garages and filling stations down there are installing compressors driven by G-E motors in ever increasing quantities. Our Argentina company reports the sale of 33 stationary and portable compressors driven by our ¼- and ½-hp. motors.

# Keeping Down Injuries on Power Punch Presses

By A. W. Martin, *Safety Engineer, Bridgeport Works*

### Hints for Operators

1. Be careful and do not take chances.

2. Do not use your fingers to remove pieces that stick on dies or punches, but use the soft brass hook which is fastened in plain sight in the front of the press.

3. Do not brush loose pieces off die bed with your hand, but use the hand brush; or the ram may descend on your hand.

4. Remove your foot from pedal when placing your hand on die or under punch to remove crooked or spoiled pieces.

5. Turn off switch when placing hand on die or under punch, for adjusting or cleaning tools.

6. If you notice that the press or safety devices are out of order, stop work immediately and report condition to foreman or die-setter for correction.

7. Do not operate the press on a new job after the setting of dies until the die-setter or foreman O.K.'s the press and safety devices as being in safe working condition.

8. Do not operate the press recklessly fast, but normally fast. Allow time for the crank shaft to make a full revolution to permit the clutch to properly lock and release, or the ram from some defect or wear in mechanism may descend on your fingers. You may work fast, producing a fine day's output, and still play safe.

9. Do not clean the press while it is in motion. First turn off the switch.

10. Do not wear gloves, except when handling sharp or jagged pieces, then only with permission of your foreman. Gloves may get caught and pull in the fingers.

### Hints for Die-setters and Foremen

1. Restore guards taken off press for setting new dies before you turn the press over to the operator for production.

2. See that press and devices are properly adjusted and then operate the press yourself and produce 25 to 50 pieces to see if O.K. before turning the press over to the operator for production.

3. After changing over a press from blanking to forming, see that the safety rod under the clutch latch is re-connected, as the lack of this safety rod may cause the press to repeat, causing possible amputation.

4. On presses equipped with guard gates, see that bottom of gate is adjusted down close to the bed plate, (¾ of an inch the maximum) or the ram will descend too soon, just when the fingers are under the punch, causing possible serious injuries.

5. If press or safety devices are out of order first place a danger tag on press, then have repairs executed immediately. Delays are dangerous.

6. When high dies are installed, use offset straps so that bottom of guard gate will have sufficient clearance to avoid striking the straps, as this will interfere with the proper action of the clutch, possibly causing an injury.

7. See that clutch brake is snugly adjusted and free from grease or oil, or the press will be apt to repeat, causing an injury.

8. In the event of an old style clutch key breaking from wear or strain, install a new style *solid* clutch key in its place. This may prevent repeating.

9. If driving belts become greasy or oily, have them cleaned immediately as slipping belts are a menace.

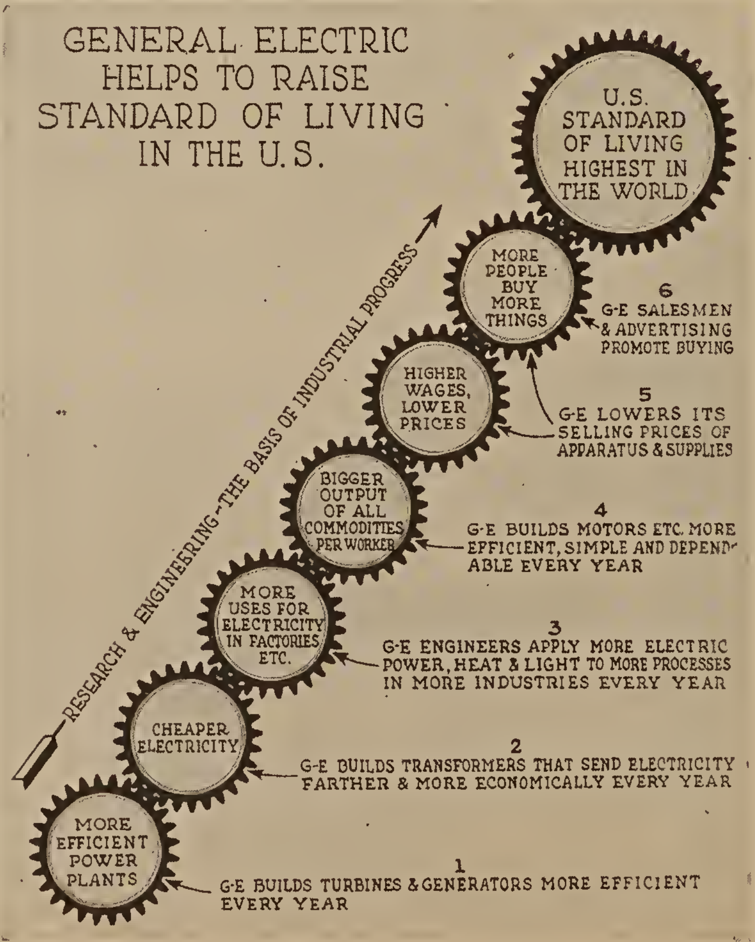
10. Do not attempt to turn over the crank shaft with a bar while the fly wheel is in motion or a serious kick back of bar may result in serious injury. First turn off the switch and then turn over the crank shaft by hand.

11. The overloading of presses with too heavy dies may break the press, with liability of serious accident and a large expense for repairs. This overloading should be avoided.

### In Conclusion

Injuries on punch presses in the General Electric Company plants during the year 1927 accounted for about one-third of the total number of accidents. It is thought that the above hints, if carried out, may help to keep these injuries down. It therefore behooves everybody concerned to keep on the job every day and every minute.

The cornerstone of accident prevention on punch presses is team work. Let everyone do his part for the benefit of himself and the Company!


GENERAL ELECTRIC HELPS TO RAISE STANDARD OF LIVING IN THE U.S.
RESEARCH & ENGINEERING - THE BASIS OF INDUSTRIAL PROGRESS
U.S. STANDARD OF LIVING HIGHEST IN THE WORLD
MORE PEOPLE BUY MORE THINGS
6 G-E SALESMEN & ADVERTISING PROMOTE BUYING
HIGHER WAGES, LOWER PRICES
5 G-E LOWERS ITS SELLING PRICES OF APPARATUS & SUPPLIES
BIGGER OUTPUT OF ALL COMMODITIES PER WORKER
4 G-E BUILDS MOTORS ETC. MORE EFFICIENT, SIMPLE AND DEPENDABLE EVERY YEAR
MORE USES FOR ELECTRICITY IN FACTORIES ETC.
3 G-E ENGINEERS APPLY MORE ELECTRIC POWER, HEAT & LIGHT TO MORE PROCESSES IN MORE INDUSTRIES EVERY YEAR
CHEAPER ELECTRICITY
2 G-E BUILDS TRANSFORMERS THAT SEND ELECTRICITY FARTHER & MORE ECONOMICALLY EVERY YEAR
MORE EFFICIENT POWER PLANTS
1 G-E BUILDS TURBINES & GENERATORS MORE EFFICIENT EVERY YEAR

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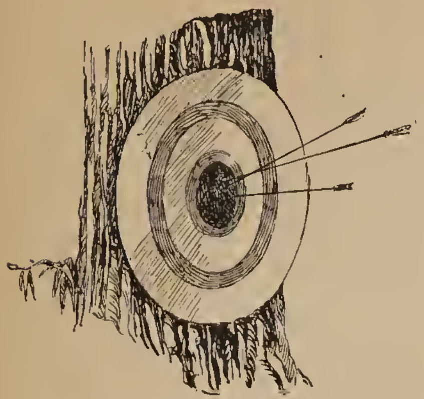
## Lamp Prices Cut

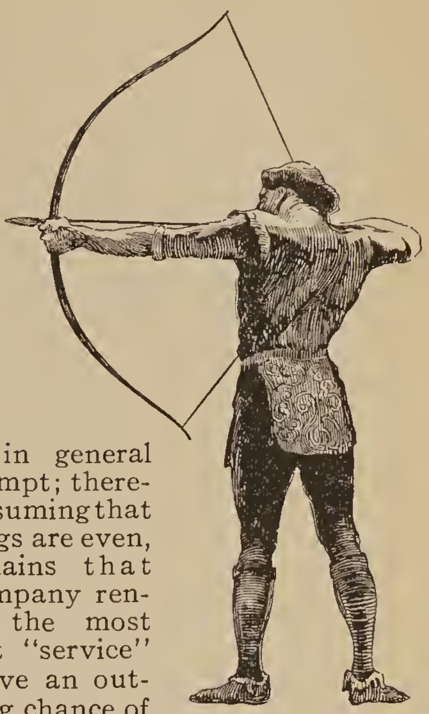
PRESIDENT Swope announced recently a further reduction in the prices of popular automobile and flashlight lamps. This reduction averages 8 per cent on the types affected. This price reduction on miniature lamps is the tenth since 1920. Today's prices of Mazda miniature lamps are 52 per cent under the 1914 prices.



# The Target We All Aim At

## *To Please the Customer—That is What Shop Men as Well as Salesmen Must Try to Do*

By M. O. Troy, *Manager, Central Station Dept.*



A COMMON tendency on the part of all of us is to concentrate on our particular problem and our particular task so intensely that we do not properly appreciate and fully recognize the problems of others.

The mutual problem of all employees of our vast organization is to conserve the good will of the General Electric Company, build up its business, give our stockholders a reasonable return on their investment and in doing so advance the interests of us all.

In recent years and particularly in recent months we have greatly improved our efficiency in manufacture so that with existing facilities, we have been able to greatly increase our output. It is obvious, therefore, that we must find ways and means of enlarging the established markets and assist in the creation of new ones if we are to use our facilities economically and secure an adequate return on our investment.

This increase in output per square foot of floor space, or per dollar of investment, would in itself assist us in obtaining a greater volume of business if other manufacturers did not also strive to improve their operations. But they *do;* so the gains which we have made have simply helped us to maintain our position.

Since our competitors, as well as ourselves, are striving to increase manufacturing efficiency, we must seek other ways of increasing our markets. And one of the best ways is by rendering the best of service to our customers.

Possibly the men who appreciate the importance of service most fully are our salesmen on the firing line. They are the ones who obtain first hand the reaction of our customers to the service our Company has rendered. They learn whether the prices quoted to the customers have been reasonable; whether the promises we have made as to shipments have been kept and reflect credit on our manufacturing organization; whether the quality of the product furnished has been high; whether the policies of our Company, as a whole, are broad, conducted on a high plane and reflect credit not alone on our administrative organization, but upon every individual in our organization.

All of these things are in the customer's mind when the salesman undertakes to secure new business. Whether or not he is successful is determined largely by the service rendered in the past by our organization.

While the salesman first recognizes the value of service rendered by the departments of our Company, because he gets the first reflection of our successes or failures, its importance has traveled down through our organization in such an impressive way as to force consideration and action by all of the elements which make up our organization.

This year "service" was considered such an important topic that our officials authorized the holding of a camp known as "Camp Service." I understand that this was one of the most successful camps ever held by the Company, and while only a limited number could attend, it is hoped that their deliberations and enthusiasm will permeate the entire organization. One man who attended the camp summed up the situation, when he said:

> The war with its scarcity of material is over—all large manufacturers today are in a position to furnish quality material at competitive prices—shipments in general are prompt; therefore, assuming that all things are even, it remains that the company rendering the most efficient "service" will have an outstanding chance of being favored with the majority, if not all, of any particular customer's business. Therefore, it behooves us each and everyone connected with the General Electric Company to keep the word "*service*" ever foremost in their minds.

If we think for a minute we must realize that in the vast organization of workers which constitutes our Company, each phase of our activity ties in with all the others. The failure of one department or organization affects seriously if not disastrously, the work of another department; and the success of one builds for the success of the other. The salesman in his sales promotion and selling problems is dependent upon the support of the General Office and its commercial organization. And he is equally dependent upon the support of the engineering, production and manufacturing organizations.

If our commercial organization gives him good support and the factory organization renders poor support, he ceases to function and gradually we all go out of business. If the factory organization does excellent work and the General Office or district office fails, the factory receives poor reward for its efforts.

Our departments constitute a chain in which each link depends on every other link, and every link must be strong if the entire chain is to be strong. So there should be a common desire on the part of one department that all should be strong. Here is a case in point:

A few months ago, we had a proposition involving a number of very large transformers. For certain reasons we feared that the business would be placed elsewhere. We knew that the customer not only desired a short promise of delivery but actual deliveries in a short period of time. We checked up through production and manufacturing organizations, explained the situation, and were given what was the shortest promise of delivery ever offered on such a class of apparatus. The promise was given to the customer and it caused considerable comment. Many said no manufacturer could live up to it. But we did; the transformers were manufactured and delivered on time. In return we got the customer's good will. This shows what the factory can contribute to a sales problem; for it means that the commercial department will be able to sell more transformers to this customer and bring in work to this factory. Had we failed, we would have annoyed the customer, lost favor with him, and competitors would have said, "We told you so."

Another example:

We made a promise to a very friendly and important customer. We fell down, the customer was very much upset and in the last week had a large order pending for additional equipment of a similar kind. He refused to consider our proposition because of the failures we had made to keep our promise on previous orders.

Although this slip was the fault of one factory, *all* of the factories are affected. The failure of our Company to make good its promise on one line of product might very well affect our success where the product of another factory is involved.

Examples of our successes and failures come before me so frequently that I could go on citing them almost indefinitely. But the point is that in a general way the success of your factory depends upon the success of every department of the Company. The commercial organization is so tied in with the engineering, production and manufacturing organizations that one is absolutely indispensable to the other.

We must work together to succeed. This does not mean merely that we should *desire* to co-operate. It means that we *should.*

In our manufacturing and engineering organizations, the three most important considerations are quality of work, fulfilment of promises and cost of work. If we do not have quality, whether of design or of manufacture, we are going to have failures and complaints. If we do not keep promises, the customer loses faith. If our costs force us to make non-competitive prices, business goes to competitors.

It is my belief that in the future, the primary considerations in buying our products will be, from the purchaser's viewpoint, *quality, service* and *price,* in the order given. Certainly when all purchasing agents adopt such a wise policy, the ability of a factory to produce a product of high quality in the time promised and at a reasonable cost is going to make for the success of that factory.

The target at which we aim must therefore be:

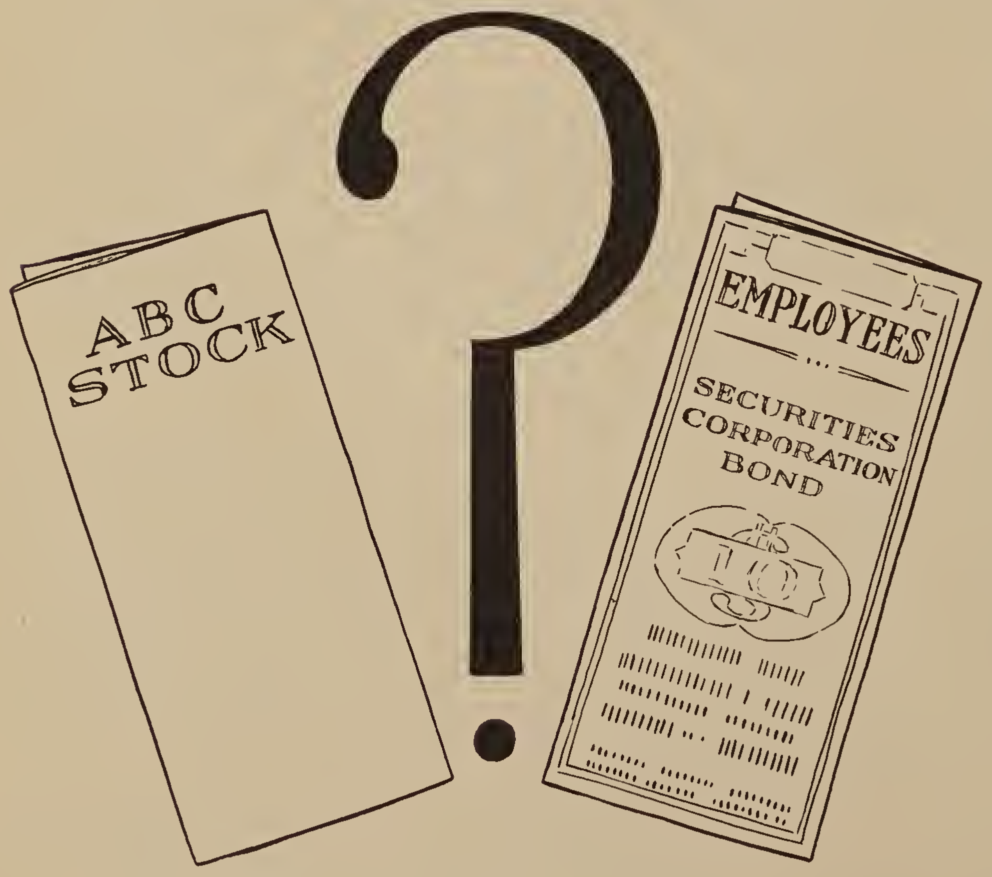
To work not only in a spirit of sincerity, but in such an effective way as to accomplish what we have promised;

To appreciate the dependence of the commercial and factory organizations one on the other;

To applaud, approve and reward work well done and feel at liberty to criticize and condemn avoidable failures of a group or individual.

All to the end that we may better serve our great host of customers, retain and increase their confidence in us, and help them to serve a yet larger host—the public which uses, or will use, electric service. This should result in a proper expansion of business in existing fields and the development of new fields of activity for our Company. It should bring to each of us happiness in working and living and provide for us proper remuneration for work well done.

## Which Do *You* Want?



**Stocks crashed down last week. But G.E. Employees Securities Corporation Bonds are always worth a hundred cents on the dollar. They are safe and they pay a high rate of interest.**

# From Errand Boy to Executive

IT is one of the things that lend zest to life—particularly in this country—that a young man's advancement need not depend on inherited money, or social position, or, necessarily, early schooling. In the final analysis, it rests with himself. The poor boy who rises to the top of his particular calling is a tradition in America, a tradition which finds illustration in every walk of life.

The career of Bernard E. Sunny, one of the directors of our Company, is a case in point. From office boy to director of some of the country's greatest corporations is a long way, and a hard road, but he has traveled it.

He was born in Brooklyn, N. Y., in 1856, and attended the public schools there. At the age of 12 or 13, however, he was compelled to leave school and go to work. In speaking of these early days, not long ago he said:

"My first job was with a furniture store, running errands and polishing furniture, and then in a dry-goods store running errands and, after a while, helping with the sales. This enterprise failed, and I am not sure of the reasons, but hope that they were not connected with the personnel of the sales organization.

"I was in the office of a promoter and builder of steam railways for many months, and while he was away—and he was away a good deal—I had a good time keeping up with the serial stories running in the *New York Weekly*, *Ledger*, etc.

"I had an interesting experience as a plumber's helper for some months which I gave up to enter the Franco-Prussian War in Morton's Bakery in Brooklyn, packing hard tack for the French.

"After winning the war, I went into the telegraph business as messenger and became an operator in a branch office in Brooklyn, and then in the main office, and for a year or more reported stocks on the New York Exchange."

This entrance into the telegraph business was the beginning of what was really to be his career. It should be said that at that time telegraphy held something of the same fascination for the average boy that succeeding generations have found in bicycles, motor cars, electric machinery, radio and airplanes.

The step from messenger to operator was important, but not young Sunny's last. He was a natural executive. At the age of 17 he went to Chicago for the Atlantic and Pacific Telegraph Co. as an operator and later became night manager and finally manager. When that company was preparing to go out of business, he accepted the position of superintendent of the Bell Telephone Co. in Chicago. This was in 1879, when he was only 23 years old. At that time there were about 400 telephones in service in that city, or one to every thousand people.

Bernard E. Sunny

In 1888 he entered another field of applied electricity—the central station industry. He became president of the Chicago Arc Light and Power Co. Two years later he became western manager of the Thomson-Houston Electric Company, and later vice president and western manager of the General Electric Company.

In 1908 he returned to the telephone field, and became president of the Chicago Telephone Co. In his 14 years as president, the number of telephones increased from about 200,000 to more than 600,000. He continued as president until 1922, when he became chairman of the board, a position which he still occupies. Today there are more than 900,000 telephones in use in Chicago, or one for every three and one-half people. From 1911 to 1920, Mr. Sunny was president of the Central Group of Bell Telephone Companies, operating in Illinois, Wisconsin, Michigan, Indiana and Ohio. For several years he was a vice president of the American Telephone and Telegraph Co.

In addition to being a director of our Company and of the International General Electric Company, Mr. Sunny holds directorates in several banks, railroads, power companies, and other concerns.

It might be assumed that business would occupy all his time, but the list of other than business organizations in which he is interested indicates how wide his interests are. They include the Illinois Manual Training School for Boys, Carson Long Institute, American Institute of Electrical Engineers, Western Society of Engineers, Art Institute (Chicago), Field Museum of Natural History, Chicago Historical Society, Chicago Zoological Society, Chicago Council of Foreign Relations, American Red Cross. For the past ten years, Mr. Sunny has been president of the Board of Trustees of the Central Church in Chicago.

For five years he was an actively interested member of the Board of South Park Commissioners. During the war he was regional director for the Red Cross. In 1900 he was a delegate to the Republican National Convention. He served for a year as a director of the World's Columbian Exposition, later becoming president of the Intramural railroad at the World's Fair in 1893.

He was for three years president of the Civic Federation of Chicago. He has been president of the board of trustees of the Illinois Eastern Hospital for the Insane and of the Police Pension Fund, member of the Visitation Committee of the Juvenile Court, a trustee of the Manual Training School for Boys, and a trustee of the School for Delinquent Girls.

(*Continued on following page*)

# President Swope Announces Insurance Dividend

THE following announcement by President Swope will be of interest to every holder of G-E Additional Group Insurance:

To Insured Employees:

The continued favorable experience with the Additional Group Life Insurance Plan again makes it possible to pay a dividend. It gives me great pleasure, therefore, to announce that during the year 1929 premiums will be collected for only ten months.

Premiums for four months instead of six will be deducted from the 5 per cent supplementary compensation payable on February 1, 1929, to employees having five or more years of service.

The usual payroll deductions will be suspended for the months of January and February, 1929, for employees having less than five years' service.

All those who have paid premiums for at least twelve months will receive the dividend.

Since the adoption of the Additional Group Plan in November, 1925, over $2,400,000, including the Free Insurance, has been paid in disability and death benefits to 1100 employees and families of deceased employees.

In addition to these benefits and dividends a substantial reserve has been set aside as a safeguard for the future.

GERARD SWOPE,
*President.*

**Death Claims Paid During Month of October, 1928**

| Years | Date of Death | Employee | Age | Beneficiary | Free Ins. | Add'l Ins. |
|---|---|---|---|---|---|---|
| *Schenectady Works* | | | | | | |
| | 1926 | | | | | |
| 2 | June 7 | William H. Upshaw ‡ | 29 | Estate | Yes | No |
| | 1928 | | | | | |
| 15 | Sept. 28 | Charles D. Ergman | 37 | Wife | Yes | Yes |
| 18 | Sept. 30 | William P. Vrooman | 46 | Wife | Yes | Yes |
| 12 | Oct. 2 | Antoni Przewlocki | 46 | Wife | Yes | Yes |
| 2 | Oct. 2 | John A. Cassidy | 44 | Wife | Yes | Yes |
| 8 | Oct. 7 | John H. Plass | 32 | Wife | Yes | Yes |
| 11 | Oct. 14 | James H. Schermerhorn | 33 | Mother | Yes | Yes |
| 10 | Oct. 14 | Delevan G. Belcher | 61 | Wife | Yes | Yes |
| *River Works* | | | | | | |
| 11 | Sept. 25 | Melvin C. Blatchford | 48 | Children | Yes | Yes |
| 6 | Sept. 28 | Natale Pavone | 39 | Wife | Yes | Yes |
| 25 | Oct. 8 | Clifford Huggins | 45 | Wife | Yes | Yes |
| *Pittsfield Works* | | | | | | |
| 11 | Aug. 2 | George Finn | 43 | Estate | Yes | Yes |
| 2 | Oct. 2 | Howard T. Nilan* | 19 | Mother | No | Yes |
| 18 | Oct. 3 | Nelson Russell | 48 | Wife | Yes | Yes |
| *Erie Works* | | | | | | |
| 9 | Oct. 1 | Jacob Dumanski | 46 | Wife | Yes | Yes |
| *Fort Wayne Works* | | | | | | |
| | 1927 | | | | | |
| 8 | Dec. 17 | Marie M. Erdman† | 25 | Husband | Yes | No |
| | 1928 | | | | | |
| 6 | Oct. 15 | Glenn H. Venis | 29 | Wife | Yes | Yes |
| 1 | Oct. 22 | Nelson E. Cook | 22 | Wife | Yes | Yes |
| *International G-E Co., Argentine* | | | | | | |
| 13 | Sept. 8 | John Blaylock | 56 | Wife | Yes | Yes |
| *General Office—Schenectady* | | | | | | |
| 21 | Sept. 20 | George E. Burch | 41 | Father | Yes | Yes |
| Claims paid under Metropolitan Plan | | | 19 | $21,350.00 | 18 | $26,500 |
| *Incandescent Lamp Dept.—Travelers Plan* | | | | | | |
| 1 | Oct. 4 | James B. Penman | 37 | Wife | Yes | Yes |
| 2 | Oct. 17 | Marie King | 21 | Disability | | Yes |
| 1 | Sept. 9 | Phoebe Souza | 24 | Disability | | Yes |
| 26 | Oct. 7 | Albert King** | 44 | Wife | Yes | Yes |

| | Free Insurance No. | Free Insurance Amount | Additional Insurance No. | Additional Insurance Amount |
|---|---|---|---|---|
| Claims paid under Travelers Plan, 1928 | 2 | $ 1,887.60 | 4 | $ 6,000 |
| Claims paid month of Ocober, 1928 | 21 | 23,237.60 | 22 | 32,500 |
| Previously reported 1928 | 262 | 303,461.60 | 231 | 370,500 |
| Total claims paid 10 months, 1928 | 283 | $326,699.20 | 253 | $403,000 |
| Total claims paid since November 16, 1925 | | | | $2,302,847.89 |

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* Out over 1 year because of illness.
** Reduced by amount of pension.
† Drowned—body not recovered until September, 1928.
‡ Brother named as beneficiary could not be located.

## Safety Contest

THE report of the Interplant Accident Prevention Contest for the month of October shows quite an upset in the positions of several plants. Fort Wayne and New Kensington have jumped from Division 2 to Division 1, displacing Bridgeport and Pittsfield. Oakland has passed Erie, and Schenectady has a very slight lead over River Works.

The standing of the plants is as follows. An asterisk denotes improvement over the previous month.

| DIVISION 1 | DIVISION 2 |
|---|---|
| York | Bridgeport |
| *West Lynn | Pittsfield |
| *Philadelphia | *ALL PLANTS |
| *Bloomfield | *Oakland |
| *Baltimore | *Erie |
| *Fort Wayne | *Schenectady |
| *New Kensington | River Works |

## Errand Boy to Executive

*(Continued from previous page)*

He is chairman of the committee of citizens aiding the University of Chicago, which is engaged in raising a fund to erect much needed buildings. He is a member of many clubs. In 1908, he received the degree of doctor of engineering from Armour Institute of Technology.

"Throughout his busy life," said a writer recently, in referring to him, "he has always found time to be helpful. Whether it be a friend in need, a subordinate with a knotty problem, or a public duty to be performed, all have received his thoughtful attention and action. Widely read, broadly informed, a charming conversationalist, a sympathetic listener, Mr. Sunny is a thoroughly companionable and likeable man."

# More About "Catching Cold"

## Are You Doing Everything In Your Power To Keep In Good Health?

By H. W. Garton, M. D.

WE all speak of "catching cold." Yet the truth is, that catching a cold is one of the hardest things in the world to do, if you are not ready for it. You can expose yourself to dry weather, rainy weather, freezing weather, hot weather—and all in the same day—and still not catch cold unless the conditions are just right for it. Then, some day when you least expect it, all the symptoms will develop. Your mouth and throat become dry, your eyes get watery, breathing becomes hard, you lose your taste for food, your pipe or cigarette tastes like a piece of old felt. In short, you feel about as miserable as anyone could possibly feel.

Your friends all start to prescribe remedies—and none of them seem to work. As a matter of fact, you'd probably cash in if you tried them all.

The truth is that a cold is a much harder thing to get rid of than it is to prevent. Almost anyone, if he is in good health, and has no serious defects in his breathing apparatus, can prevent a cold; but once the cold comes on, there is no stopping it.

In order that the origin of a cold may be understood, let me explain our breathing apparatus. The nose, not the mouth, is the door of the lungs. In other words, you should breathe through your nose and not through your mouth. This is because air must be changed somewhat before it is good for breathing purposes. It must be moistened, a job which is done by your nose. And the temperature of it must be raised to that of the blood—a job which your nose also does. And it must be filtered, that is, freed of dust and germs. Your nose also does this. For these reasons, anyone who breathes through his nose is apt to be healthier than a person who breathes through his mouth, and usually lives longer.

When you get a cold, this is what happens: the membranes of the nose swell and become irritated, so that you cannot breathe easily. And because of the irritation, a discharge of even more irritating fluid is started. Furthermore, you frequently get a headache, because there are several chambers or sinuses in the head which are connected with the nose, and these also become irritated.

Now, assuming that you have an ordinary cold, one that is annoying but has no unusual complications, how did you get it? I have already said that it is hard to "catch" a cold. But there are ways of getting one nevertheless, and if followed closely these ways usually result in our getting a very nice one. If you really want one, therefore, try the following directions:

First, live in a damp house. And keep out all night air by keeping the windows closed, using instead the air left over from the day before. Breathe lots of dust. Have the floors swept vigorously whenever you are around. Dust contains multitudes of germs, and some of them should catch you if you give them plenty of opportunity. Keep the house hot, and wear heavy underclothing which cannot be taken off when you come in, the way coats and hats can. Do not bathe very often; this keeps the pores of the skin clogged. Eat more than you really need, especially pastries, rich sauces, and so on; so that you will get constipation and indigestion. Drink plenty of liquor. Lose lots of sleep. Worry as much as you possibly can. In other words, do all the unwise and unnecessary things you can think of.

If you follow all of these directions with care, the chances are that you will succeed in getting a fine, rip-roaring cold—one that will be the envy of all your friends.

People vary in what we call "immunity" to colds. Some are almost entirely immune, others seem to have very little immunity. It is reasonable to suppose that one who is in the pink of condition has a relatively higher immunity than one who has paid too little attention to his health.

Now, how to prevent colds? The answer is just the reverse of the directions for catching one. Get plenty of fresh air. Exercise in the open or with the windows wide open. Don't wear too much clothing, avoiding especially heavy underwear if you work indoors all day. Take a bath every day, with warm water and soap, so that the pores of the skin may be kept open. Don't wear down your system with an excess of alcoholic drink. These are the brief but effective directions for avoiding a cold. If they are followed—in other words,

(*Continued on following page*)

## Exploring the Sky

(*Continued from page 3*)

"We have made fused quartz mirrors a foot in diameter," says Prof. Elihu Thomson, director of the Thomson research laboratory at Lynn. "We will progress by easy stages, and our next attempt will probably be a mirror about three feet in diameter. After that we hope to be ready to start work on the 200-inch mirror.

"We plan to cast the base, which will be about 30 inches in thickness, of sand or opaque quartz, with the top surface concaved to the approximate curve required for the mirror. This surface will then be covered with a facing of clear or transparent quartz, making it ready for the final grinding and polishing which will probably be done at Pasadena."

Professor Thomson, himself an astronomer with a privately owned observatory, predicted more than 25 years ago that many advantages would be offered by fused quartz astronomical mirrors.

"It is its low coefficient of expansion and its consequences that make fused quartz superior in this work," he says. "Quartz disks require but little annealing, while with large blocks of glass this is a matter of great difficulty. Quartz can be roughly ground with a carborundum wheel without danger of fracture.

"Quartz disks can be made very thick and rigid more easily than glass. The fine grinding, or smoothing before polishing, is carried on with great facility; and the surface, before polishing, is usually of finer grain than in the case of glass. Nor is it easily scratched.

"The polishing proceeds readily, and can be carried on regardless of temperature changes. This work need not be interrupted as with glass by long rest periods, with the mirror disk kept jacketed in felt by long rest periods. In service, none of the precautions against temperature variations and distortions arising therefrom are required.

"Two years were required for testing and polishing the 100-inch glass mirror now mounted at the Mt. Wilson observatory, near Pasadena. This involved long interruptions in the work, required for equalization of temperature. With quartz there need be no interruptions, and the finishing of the mirror can be accomplished in much less time.

"I feel very sure that the use of fused quartz will open a new era in astronomy. The trouble in securing large mirrors has been a hardship on astronomers which quartz will eliminate."

The telescope, and the laboratory which will go with it, are gifts of the International Educational Board to the California Institute of Technology, which will provide for the maintenance of them. The observatory will be operated jointly by the Institute and the Mt. Wilson observatory of Carnegie Institution; it will be located atop a mountain near Mt. Wilson. Many leading scientific men have been consulted regarding plans for this great new observatory, and will be called upon from time to time as their advice is needed. It is hardly necessary to say that the entire scientific world is interested in its successful completion.

### Your Last Chance!

*Under the revised pension plan, any man employee who is 45 years' old and has 5 years of continuous service to his credit may retire at the age of 65, instead of 70, by participating in the Additional Pension Plan.*

*But in order to have this option of early retirement, he must sign up under the Additional Pension Plan before January 1st. Further information may be obtained from your foreman or section head. Remember, this opportunity ends on New Year's Day!*

**Health means Prosperity**

BUY CHRISTMAS SEALS

**they fight for health**

The National, State, and Local Tuberculosis Associations of the United States

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## G-E Men Win Medals

(*Continued from page 1*)

Best has been with the Company for 18 years, having been engaged in 1910. He has always been connected with electrical work about the plant, and so was thoroughly equipped to respond in this emergency. Active in shop matters, he belongs to the M. B. A. and the Fire Dept. He is an enthusiastic fisherman, and perhaps the proverbial resourcefulness of the fisherman helped him in responding to this emergency.

Wullschlager, first employed in 1906, has been in electrical maintenance work of one kind or another for his entire term of service, having been made an assistant foreman several years ago. His belief in every form of safety preparedness is evidenced by the fact that he was the first prone pressure instructor in the Shop Electric Dept., when it was first introduced as part of the shop instruction.

These three men deserve the congratulations and respect of all their fellow workers. It is cause for gratification that their work has been formally recognized.

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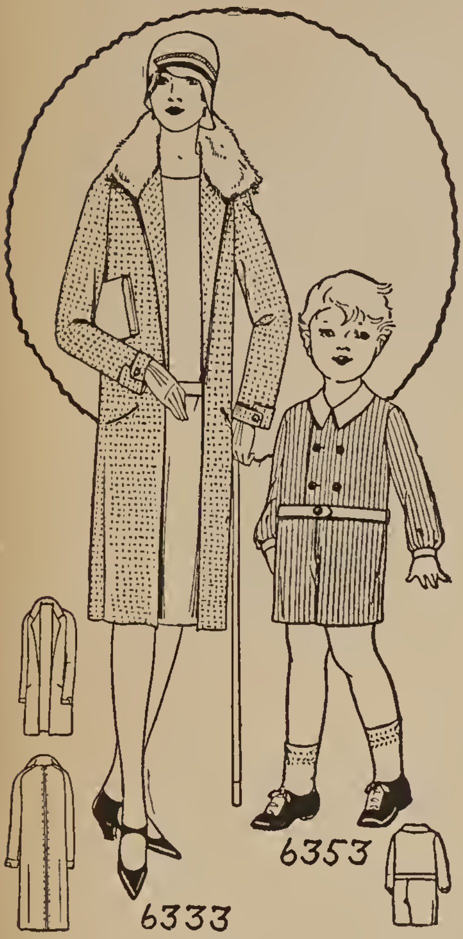
## More About "Catching Cold"

(*Continued from previous page*)

if you lead a good, normal, healthy life—your chances of catching cold are cut down to a minimum. The directions, of course, are good only if you have no serious defects in your breathing apparatus, such as an obstruction in the nose which causes constant irritation. In such case, see a doctor and have the defect remedied. Above all things, avoid your neighbor's coughs, wheezes, and sneezes.

# Inexpensive Patterns for Home Dressmaker

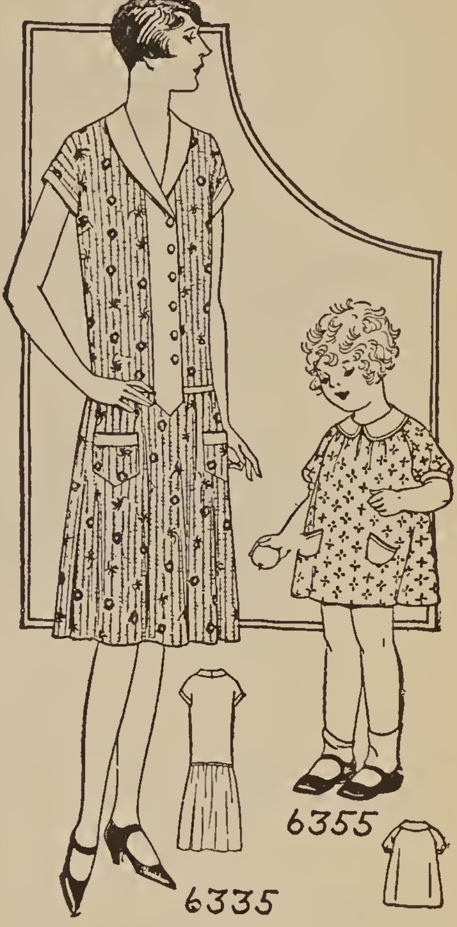


6333. Misses' coat, cut in 3 sizes: 16, 18, and 20 years. A 16-year size in ⅞ length requires 2½ yards of 54-inch material. In hip length, 2¼ yards will be required. To make the collars of fur or fur cloth will require ⅝ yard 6 inches wide for the broad collar, and ½ yard 4 inches wide for the small collar.

6353. Boys' suit cut in 4 sizes: 2, 3, 4 and 6 years. A 4-year size requires 1⅞ yards 36 inches wide. For facing on collar, cuffs and belt of contrasting material, ¼ yard 36 inches wide is required.

6347. Girls' dress cut in 4 sizes: 8, 10, 12 and 14 years. A 10-year size requires 3½ yards of 36-inch material together with ½ yard of contrasting material. 1⅜ yards of lining is required for the underbody.

6341. Ladies' dress cut in 5 sizes: 34, 36, 38, 40 and 42 inches bust measure. A 38-inch size requires ⅞ yard of 32-inch lining for the underbody, and 3⅝ yards of 35-inch material together with 1 yard of contrasting material. The width of the dress at the lower edge with fullness extended is 1⅝ yards.



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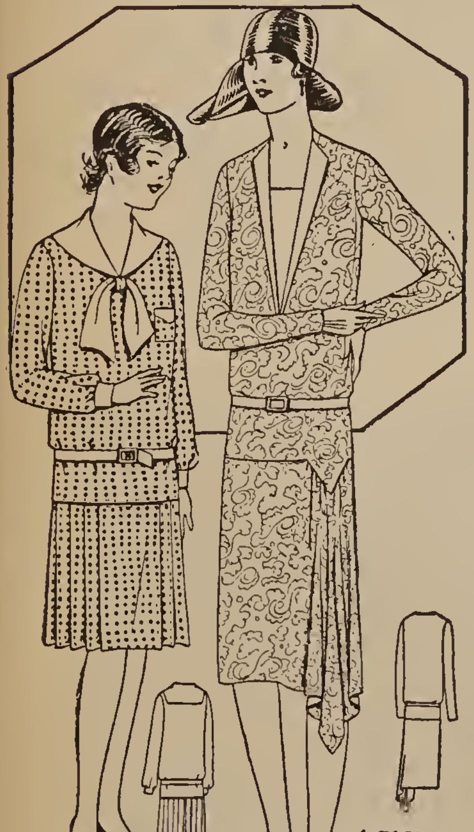
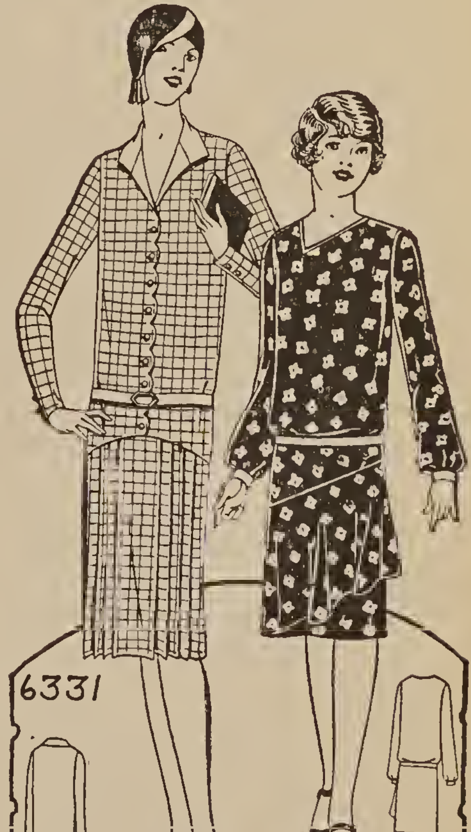


6335 Ladies' morning frock cut in 6 sizes: 34, 36, 38, 40, 42 and 44 inches bust measure. A 38-inch size requires 3½ yards of 36-inch material, together with ¾ yard of contrasting material. The width of the skirt at the lower edge with fullness extended is 2 yards.

6355. Girls' dress cut in 4 sizes: 6 months, 1, 2 and 3 years. A 2-year size requires 1⅝ yards of 36-inch material. For pockets and facing of contrasting material on collar and cuffs ¼ yard 27 inches wide is required.

6331. Ladies' dress cut in 4 sizes: 34, 36, 38, 40, 42 and 44 inches bust measure. A 38-inch size requires 1⅞ yards of 54-inch material together with ¾ yard of contrasting material. The width of the skirt at the lower edge with plaits extended is 2 yards.

6348. Girls' dress cut in 4 sizes: 8, 10, 12 and 14 years. A 12-year size requires 1¼ yards of 27-inch lining for the underbody, and 3⅜ yards of material 35 inches wide together with ¼ yard of contrasting material.



Any of the up-to-date patterns may be obtained by remitting 10 cents in stamps, check or money order to the General Electric News Pattern Bureau, 11-13 Sterling Place, Brooklyn, N. Y. When sending your order be sure to mention size wanted; write plainly your name, street address and city. All patterns are sent to customer by first-class mail *Fall and Winter, 1928-1929, Book of Fashions*, containing 500 designs of Ladies', Misses' and Children's Patterns, a concise and comprehensive article on dressmaking, also some points for the needleworker, may also be secured for 10 cents.

# JUNIORS' PAGE

Mary Ann Mayland at Irish Hill

Dear G-E Juniors:

Just think! Christmas will soon be here. I suppose you have all written and mailed your letters to Santa Claus long ago and I just hope that Santa in his busy workshop 'way up at the North Pole will receive all your letters and bring you everything that you want. Perhaps in the Christmas picture, which is our puzzle for this month, you will find some of the things you have asked old Santa to bring you. In this picture there are 38 objects that begin with the letter C. See how many of them you can find. If you find 25 of them you will be correct.

Every G-E Junior who wrote to me last month found the Puritan carrying a turkey on his gun, in the Thanksgiving puzzle. Prizes were sent to Dorothy Dean Long, Elmar Devaux, Dorothea Prange, Mary Ann Mayland and Don Black at Fort Wayne and Ellen Pauline Gephart and Kenneth Nyffeler at Decatur. Besides these I received nice letters from: Dorothy Jane Canada, Ruth Rose, Alice Mae Seibold, Harry McClure, John Reiber, Reginald Gerig, Richard Gerig, Ralph Owen Crall, Eleanor Schelper, Pansy Dell Plant, Albert Devaux, Bernice Moore, Dorothy Gephart and Dorothy Eylenberg from Fort Wayne and Elizabeth Fuhrman, Catherine Jackson, Sephus Jackson, Dorothy Miller, Herald Hitchcock and Gilbert Egley, Decatur.

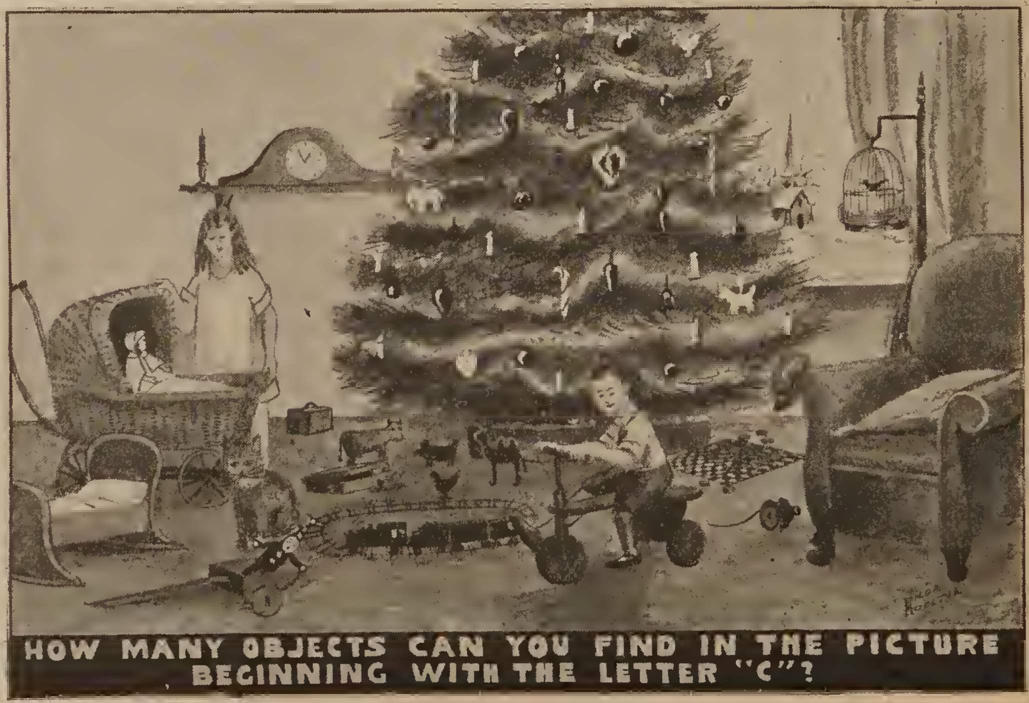
Helene Koenemann and Dorothy Gephart sent in nice letters and solutions to the October puzzle but they were received too late to publish in the November NEWS. We gave them credit though, for both were correct.

Mary Ann Mayland and John Reiber sent me pictures of themselves taken during vacation; Mary Ann's picture was taken at Irish Hills in Michigan and John's in the Ozark Mountains in Missouri. Ellen Pauline Gephart celebrated her birthday on Thanksgiving Day. Almost all of the G-E Juniors who wrote to me told me they were going to spend Thanksgiving Day with their grandparents. I know all of you must have enjoyed yourselves very much.

John Reiber in the Ozark Mountains

Now I want to tell you about our big Christmas party for all G-E children. It's to be on Monday, December 24th, just the day before Christmas, and will be held in the gym of the G-E Club. And the gym is going to be so beautifully decorated and will be such an interesting place that you will think you are away up North in Santa Claus' castle. There will be Santa Claus' work shop busily making toys for "all the good little girls and boys," and a great big Christmas tree, and old Santa Claus will be there, too, and have a little gift for you. You can come in the morning or in the afternoon, for the party will begin at 10 o'clock in the morning and last until 4 o'clock in the afternoon. Tell your daddy or mother, or whoever brings you the WORKS NEWS, to be sure and get a ticket for you, for you must have a ticket to be admitted to the party. I am so anxious to see all the wonderful and lovely things that I can hardly wait for the day of the big party to come, and I know you won't want to miss it. And now I want everyone of you to be sure and write and tell me how you enjoyed the party, and also send me your solution to the Christmas puzzle. Merry Christmas to all of you. Yours sincerely,

Jill


HOW MANY OBJECTS CAN YOU FIND IN THE PICTURE BEGINNING WITH THE LETTER "C"?

# GIRLS' SECTION

## Elex Stages Big Card Party

IN order to secure an orthophonic victrola and radio for the use of its members, the Elex Club gave a card party for G-E employees and the public in the G-E Club Bldg. on November 20th. Bridge, pinochle and bunco were played and approximately 325 people enjoyed the games. The players remained at their own individual tables throughout the evening and a deck of cards was awarded to the holder of the highest score at each table, except at the bunco tables, where handkerchiefs were awarded to the girls and cards to the men.

At the conclusion of the card games interest centered in the drawing for the prizes. As the first event, Hazel Fahl was discovered to be the holder of the lucky ticket in the compact lottery. Following this souvenir prizes of thimbles were drawn by Lucy Scherzinger, Adele Kickuck, Marie Masbaum, Velma Steele, Alma Olson, Dorothy Rebber, Dorothy Goshorn, Edith Jones, Mrs. Bright, Frances Hoevel, and Irmagarde Gehle. Then the three attendance prizes for the women—a compact, silver salt and pepper shakers, and a fern—were awarded to Mrs. Krauter, Anna Roth and Mabel Trautman. The three attendance prizes for the men—cigars, handkerchiefs and silver cuff links—were awarded to H. A. Stahl, Calvin Wilson and Mr. Collins.

The next features were a cotton pickin' and a buck and wing dance by Ann Plybon and Evelyn Maass, of the Stage Door studio, accompanied by Ralph Fitch at the piano; and a clown and a clog dance in costume by Jean Smith and Evelyn Voirol from the Y.W.C.A., accompanied by LaVera Vail. At this time refreshments of ice cream and wafers were served to the guests.

Music for the evening was furnished by an electric victrola and radio loaned for the occasion by the Packard Music House.

The committee in charge of the party deserves a great deal of credit for the successful manner in which it was conducted. On this committee were Irene Meyers, chairman: Helen Stahl, Louise Lawson, Mary Thomas, Helen Hall, Irene Fox, Lois Miller, Marie Blough, and Esther Moll.

### Log of Meetings

*November 7th:* 66 members present at regular meeting. Hilda Walda presided at the business meeting at which announcements of coming events were made. Following this a program was presented by three small daughters of Mrs. Erma McCormick, Meter Dept. Erma sang and played the banjo, and Alto played the violin, accompanied by Dorothy at the piano. A clog dance in costume was then given by Jean Smith and Evelyn Voirol from the Y.W.C.A., accompanied by Mrs. M. Thomas. The program was enjoyed very much and was arranged by the Meter Dept. girls.

*November 13th:* about 75 girls attended the weiner bake held at Foster Park immediately after work. The girls were taken to the park in G-E trucks. The lunch having been prepared at the restaurant, it was all ready to be served when the hungry club members arrived. Everybody thoroughly enjoyed the hot dog sandwiches, potato salad, pickles, coffee, cake, and apples furnished by the club. The night was unusually dark and cold, so that no games could be played, but a good chat was enjoyed around the fire and the girls returned home at an early hour.

*November 14th:* 55 members present at regular meeting. The program was in charge of the Transformer Dept. girls and consisted of a characterization of "The Tramp" or "Nifty Nick" by William Fowler, an employee of the Transformer Dept., who also gave a few songs in costume. A guest at this meeting was Mrs. F. H. Reeves, Industrial Secretary at the Y.W.C.A.

*November 20th:* card party.

*November 21st:* 44 members present at regular meeting. The Main Office section was in charge of the program after the usual supper at 5:30. The girls enjoyed a few games and then Mary Ellen Sells favored the group with a few piano selections. The Know-Your-City class made its first trip this week—to the Fort Wayne art school, as it was art week.

*November 28th:* No meeting held on account of Thanksgiving.

### Among Our Girls

ESTHER MOLL, Industrial Service Dept., Bldg. 21, won the championship in the city tennis tournament held during the past summer.

Five of our Elex Club members hold offices in other industrial clubs in the city. Irene Fox, Industrial Service Dept., Bldg. 21, is vice president of the Gamma Sigma Club and Lois Miller, personnel worker in the Small Motor Dept., is secretary-treasurer of the same club. The Gamma Sigma club is composed of ex-officers of industrial clubs in Fort Wayne. Lenora Schoppman, Meter Production Office, Bldg. 19-5, is second vice president, Mae Wolfcale, Meter Dept., Bldg. 19-4, is secretary, and Alma Olson, Payroll Dept., Bldg. 18-2, is treasurer of Federation.

Elida Fries, who is a very efficient operator in the Tool Dept., Bldg. 26-5, finds time, aside from her other duties as home maker for her father and brother, to cultivate her voice. On December 5th she gave a recital at the home of her instructor, Mrs. O. F. Garrison. Elida has appeared on various programs here at our Plant, singing Swedish songs in costume.

### Do You Want to Be Attractive?

HERE'S a whiz of a New Year's resolution that will pay high dividends in the way of good times and make you feel more peppy on your job and when you are out with your friends—and all this without a single cent invested. Come to the G-E Girls' gymnasium class the first Thursday in January and we are sure that you will keep your New Year's resolution the rest of the year. You don't have to go through any red tape. Just be on the floor at 5:30 in your gym outfit. If you do not own one, come to class on December 27th and get information on gymnasium costumes so that you will be ready to start the new year right. We promise everything—some bunk. You will become so beautiful in form and face that your friends won't recognize you. We'll see you at the gym class January 3rd. It won't be long now.

### Mrs. Garrihan Entertains

ON November 15th Mrs. Lillian Garrihan, Radio Dept., Bldg. 26-2, entertained the girls of the Radio Dept. who serve on the various committees of Elex Club, at her home, 1715 Lindley Ave. Bunco played during the evening proved to be very exciting and Hazel Newport and Agnes Westrick won prizes. About 10:30 o'clock a messenger arrived with a mock telegram addressed to Mrs. Garrihan, which, when opened and read disclosed the announcement that Agnes Westrick and Raymond Pratt would be married on November 30th. Later in the evening a delicious luncheon was served.

Those invited were Hazel Newport, Bessie Chapman, Helen Dammeyer, Marie Saaf, Cora Walda, Edna Trenary, Velma Hathaway, Lucille Saylor, Mary White, Frieda Brandyberry, Mabel Kuhn, Louise Lawson, Hazel Fahl, Janet Gorrell, Agnes Westrick and Marie Blough.

### Surprise Party for Miss Wehrle

The Payroll and Accounting Dept. girls gave a surprise party for Margaret Wehrle at the home of Ruth Bell, November 15th. Miss Wehrle was scheduled to leave for Denver, Colo., on November 19th. The evening was spent playing pinochle, prizes being awarded to Alma Olson and Agnes Wehrle, who in turn presented them to the honor guest. Later in the evening a delicious repast was served, during which time the honor guest was presented a beautiful gift by her friends.

Those present were Dorothy Bixler, Ann Walburn, Helen Litot, Alma Olson, Louise Borgman, Edna Voirol, Edna Sarrazin, Leone Quinn, Agnes Wehrle, Erma Somers, Naomi Armstrong, Emily Smith, Vera Hevel, the Mesdames Ruby Kuhn, Eva Overly, Delores Orr and the honor guest and hostess.

### Meter Dept. Girls Give Party

RUTH LINDEMAN and Winifred Hall, Meter Dept., Bldg. 19-5, entertained a few of their co-workers at a 6:00 o'clock dinner in their apartment on Second Street, November 12th. After dinner the girls played pinochle and danced. Alma Beaver, Adele Kuckuck, Caroline Hans, Edith Jones, Gladys Bucher, Esther Pape and Irene Meyers were the guests.

### Jeannette Haslup Honored

IN view of her approaching marriage, Jeannette Haslup, Small Motor Production Office, Bldg. 3-3, was honored with a lovely trousseau shower at the Catholic Community Center on November 15th. Gladys Wearda and Pluma Rex were the hostesses and arranged the guests around four tables at which bridge was played. Anna Carlin, Gladys Binkley and Mrs. Mildred Gertz won prizes and they in turn presented their prizes to Miss Haslup. A two-course luncheon was served at one large table centered with a bowl of roses and baby "mums" intermingled with baby's breath.

Covers were laid for Luella Tarmon, Gladys Binkley, Louise Budde, Mary Flannery, Frieda Juilliard, Helen Casey, Edna Neber, Katherine Archer, Ruth Wiehe, the Mesdames Zoe Didier, Phyllis Fitzgerald, Mildred Gertz and the honor guest and hostesses.

Another pretty party given for Miss Haslup was the kitchen shower at which Luella Tarmon was hostess at her home on Dalgren Ave. on November 23rd. The girls played a series of games in which Katherine Archer, Agnes Hohman and Mrs. Mildred Gertz were the prize winners, each in turn presenting her prize to the honor guest. Vocal selections by Isabel Brown were also a feature of the entertainment. A two-course luncheon was served. Miniature bridal cakes were included in the dessert course.

Seated around the table were: Tillie Scherzinger, Erma Stellhorn, Mildred Mooher, Katherine Archer, Agnes Hohman, Pluma Rex, Gladys Wearda, Louise Budde, Ruth Wiehe, Gladys Binkley, Emily Guth, Isabel Brown, Frieda Juillard, Edna Tarmon, and the Mesdames Zoa Didier, Mildred Gertz, Velma Steele, Garnet Bowman, Virginia Ralston and the honor guest and hostess.

### Two Brides-elect Honored

ON November 12th, Louise Budde, Frieda Juillard and Dorothy Einseidel united in entertaining at the home of Miss Budde, 2119 Nelson St., honoring Kathering Archer and Jeannette Haslup, two brides-elect of the Small Motor Production Office, Bldg. 3-3. Bridge was played for a time, then the girls were invited into the dining room where luncheon was served.

Another very happy party honoring Miss Archer and Miss Haslup was the theater party on November 27th given by the Y.U.I.A. girls, a club composed mostly of girls employed in the Small Motor Dept. The girls enjoyed the show at the Emboyd Theater and afterwards a supper at Harry's Chop Suey.

### Alice Piepenbrink Honored

ON November 21st a group of girls in the Meter Dept., Bldg. 26-4, gathered at the home of their co-worker, Alice Piepenbrink, of 1522 Lumbard St., and tendered her a miscellaneous shower. The happy group played bunco and Dorothy Dickman and Edith Holle won prizes which they presented to Miss Piepenbrink. At the conclusion of the games a dainty luncheon was served.

Miss Piepenbrink received a shower of gifts from the guests, who were Adeline Stevenson, Agnes Ryan, Ruth Holle, Edith Holle, Dorothy Rebber, Dorothy Dickman, Dora Mae Peffley, Beulah Peffley, Colleen Beahers, Lucille Piepenbrink, Nevada Piepenbrink, Velma Byerley, Elizabeth Mossaman, Clara Henry, Dorothy Keener, Dorothy

Enos, Marie Mathieu, Germaine Werkeld, and the Mesdames Cecil Linker, Peal Handig, Nancy Piepenbrink, Ethel Boyle, Lontiene Buckmaster and Margaret Piepenbrink.

### Mrs. Ethel Howeth Dies

Mrs. Ethel Howeth, Fractional Hp. Motor Dept., Bldg. 17-2, died November 19th at the Methoist hospital after an illness of only one week. She had begun her employment here on July 25th and the last day she was able to work was November 12th. Surviving are her four children, her mother, two brothers and a sister. The funeral was held November 21st at Ossian.

## Weddings

### Shanebeck-Butler

On October 21st, Clarence Shanebeck, Small Motor Dept., Bldg. 4-1, and Florence Butler, of Muncie, Ind. were united in marriage at the Holy Trinity Lutheran church of Muncie at 12:30 p.m. After the ceremony a reception was held at the home of the bride's parents. Later in the evening Mr. and Mrs. Shanebeck left on a motor trip through southern Indiana and Kentucky. They will reside in Fort Wayne.

### Turner-Morrow

On September 29th, Cecil Morrow, Service Bureau, Bldg. 18-2, and Charles Turner were married, the ceremony taking place at Huntington. They are now living on Hoagland Avenue.

### Hinton-Poe

Leora Poe, Service Bureau, Bldg. 18-2, and Frank Hinton were united in marriage at the parsonage of Emmaus Lutheran church on November 10th. Mr. and Mrs. Hinton are now at home to their many friends at 3236½ South Barr St.

### Klingler-Holmes

A charming ceremony performed at the Plymouth Congregational church by Rev. A. J. Folsom, November 21st, united Germaine Holmes, Service Bureau, Bldg. 18-2, and Russell W. Klingler in marriage. Mr. and Mrs. Neil Klingler, brother and sister-in-law of the groom, were the only attendants. Following the ceremony a wedding breakfast was served at the home of the bride's parents, Mr. and Mrs. C. H. Holmes, 3908 Ramsey Avenue, with covers laid for fifteen. Later the young couple left on a wedding trip to Indianapolis and Chicago. They are now at home in the Worthington Apartments. Mr. Klinger is the son of Mr. and Mrs. S. E. Klingler, 1021 Lake Ave., and is sales representative for the Sandusky Cement Co.

### Erwin-Archer

The marriage of Catherine Archer, Small Motor Production Office, Bldg. 3-3, and William H. Erwin, Small Motor Dept., took place on November 28th, in the parsonage of St. John's Lutheran church with Rev. E. J. Boerger officiating. Later in the evening the young couple left for a week's honeymoon in Chicago. Mr. and Mrs. Erwin are now at home with the Mrs. Erwin's parents, Mr. and Mrs. Frank J. Archer, of 1429 Eagle St.

### Schuckel-Haslup

On November 29th in the Cathedral of the Immaculate Conception, Rev. Thomas Conroy read the marriage service for Jeannette Haslup and Cyrin Schuckel. Lucille Schuckel was maid of honor and Dorothy Haslup, bridesmaid, while Raymond Schuckel attended as best man and Jack and Maurice Haslup were the ushers. After the service a wedding breakfast was served to forty guests at the home of the bride's mother, Mrs. Dora Haslup, 1233 Hanna Street, and a reception was held from 2 to 4 o'clock in the afternoon. Later the young couple left on a short wedding trip. They are now at home at 1415 East Lewis St. Mrs. Schuckel is employed in the Small Motor Production Office, Bldg. 3-3, and Mr. Schuckel is a welder at the Truck Engineering Co.

### Alspaugh-Piepenbrink

On November 29th, Alice Piepenbrink became the bride of Silas Alspaugh. The marriage service was read by the Rev. Fr. Hoerstman at St. Andrew's Catholic church. Lucile Piepenbrink attended her sister as bridesmaid and George Piepenbrink, a nephew of the bride, served as best man. A wedding breakfast was served to forty guests at 12 o'clock at the home of the bride's mother, Mrs. Mary Piepenbrink at 1522 Lombard Street. Later in the day Mr. and Mrs. Alspaugh left for Willshire, Ohio, to spend a short honeymoon with Mr. Alspaugh's parents. Both Mr. and Mrs. Alspaugh are employed in the Meter Dept. and are now at home to their many friends at 1522 Lombard Street.

### Elpers-Deetz

Bertha Deetz, Meter Dept., Bldg. 19-4, and William Elpers were married on November 29th at the Plymouth Congregational church with the Rev. A. J. Folsom officiating. Mr. and Mrs. John Fuller, brother-in-law and sister of the bride, were the attendants. After the ceremony the couple motored to the home of the bride's mother, Mrs. Ervin Eckhart, of Helmer, where a wedding supper was served to forty guests. Mr. and Mrs. Elpers are now residing at 3231 Thompson Avenue. Mr. Elpers is connected with the Troy Dry Cleaning Co.

### Pratt-Westrick

Agnes Westrick, Radio Dept., Bldg. 26-2, and Raymond Pratt, a salesman, were united in marriage, Friday evening, November 30th.

### Bowers-Smith

On December 2nd, Helen Smith, Transformer Dept., Bldg. 26-2, and Arthur Bowers were married by the Rev. C. O. Shirey at the parsonage. They are now at home on Wells Street.

## Athletics

### Scrappy Bouts Staged

THE boxers on the second fight card staged by the G-E Club December 3rd, mixed it hard and there was plenty of excitement. In the main bout Red Rodman was matched with Young Nancy of Pittsburg. These bantam weights battled through 10 fierce rounds with the honors about even. During the fray both boys heard the referee count, but were there swinging the gloves when the gong ended the final round.

Moan Baumgartner scored a clean victory over Jack Raines, of Cincinnati, in the seventh round of the semi-windup. Baumgartner put Raines down for a count of nine in the fifth round but the scrap went on until the seventh when Raines met one of Baumgartners stiff rights and took the count.

In the preliminaries Pete LaCrosse stopped Al Shay, a Belgian, in the third round and Eddie Blake, of Lafayette, proved better than Chick Wagner, a local boy. However, it was reported that Wagner was just recovering from an illness. At any rate he proved game in staying to the finish with the odds against him.

George Biemer arranged the card for the G-E Club and Charlie Maxwell, of Lima, was the referee.

### Stiff Schedule Faces G-E Club

THERE will be no rest for the G-E basketball team this season as one difficult opponent follows another on the schedule. Manager Ray Lindemuth is booking only the best clubs available and G-E fans are assured of a good battle each week. The Lyons State Independent Champs were dropped from the schedule as their present team does not compare with last year's championship five and Lindemuth did not want a club living on last year's record. Look over the list of teams to come here and make up your mind to see each and every game.

Dec. 14—Famous Oorang Indians
Dec. 21—Indianapolis Ramblers
Dec. 28—Detroit Collegians
Jan. 3—Wapakoneta Amer. Legion
Jan. 11—Big Four—Indianapolis
Jan. 18—Tool Shop Hdwe., Detroit
Jan. 25—Flint Buicks
Jan. 31—Toledo Red Men
Feb. 9—Rochester Oldsmobiles
Feb. 14—Olsen's Terrible Swedes
Feb. 21—Sandusky Big Reds

### G-E Club 22, Richmond 29

The G-E Club basketball team opened its season at Richmond, playing the fast city team at that place. The G-E five, while putting up a stubborn battle, did not display its usual offensive. The Richmond team was composed of several ex-college players in "Cookie" Cunningham, Ohio State and Cleveland star; "Slum" Gullion, of Purdue fame; Rizio and several others. The Richmond five piled up a seven-point lead in the first half but the G-E tossers played them on even terms during the final period. Holmes and Belot were banished via the four personal foul route while the Richmond five played the whole game with the same line-up.

### G-E Club 26, Buffalo Seneca Indians 24

The G-E Club auspiciously opened its home schedule by defeating the famous Seneca Indians in a feature game. Two field goals in the last minute of play, the second one coming just an instant before the game ended, gave the G-E Club a thrilling 26 to 24 victory. Luke Belot was the local star to sink both of the crucial baskets.

The Indians presented a wonderful offensive, led by the diminutive Mount Pleasant and threw a real scare into the G-E camp. The midget forward sunk baskets from most any place, counting four of them from half the length of the floor. Pierce also registered several fine shots from the side court.

The majority of the home team's baskets came at close range. Myers led the locals in scoring with three field goals and two free throws. Belot followed with two baskets and a free throw. Holmes played a fine offensive game and covered Mount Pleasant well considering the difficult job he had cut out for him.

A large crowd attended the opener and all seemed pleased with the brand of ball their favorites displayed and the general opinion seemed to be that this year's team would even eclipse the fine record made by last year's squad.

### G-E Mazdas Have Strong Team

The Mazdas, our representatives in the city industrial league, have an exceptionally strong team this year, composed chiefly of youngsters, several of whom will be heard from later on the hardwood court. Tubby Plaisted is manager of the team and Mossburg is coaching the five. Virgil, of last year's G-E Club squad, and Slack, former high school star, are pairing in the forwards. Nobles is expected to be in the lineup when the season starts. Diz Steele, the lanky center of last year's G-E Club team, is holding down the pivot position. Gamec, Weaver and Walsmith played the guard positions in their opening game. Bowman is also a guard to report later.

In their opening contest, a preliminary to the G-E Club—Seneca Indians game, the Mazdas snowed the Schroeder Personality five under with a 37 to 21 score.

The city industrial league, sponsored by the Y.M.C.A., will be strong this year, but with the available talent the Mazdas should have no trouble in winning a large percentage of their games.

### Interdepartment Basketball

The interdepartment basketball league opened its season December 4th and this year's league, composed of ten teams, is one of the largest in the history of the league. All games will be played in the G-E Club gym and the doors are open to the public. The games start Monday and Tuesday evenings at 7:30. No admission is charged. The teams with their managers follow:

| | |
|---|---|
| General Service | C. F. Martin |
| Small Motor | Carl Reynolds |
| Apparatus | John Rogers |
| Wire and Insulation | William Glen |
| Meter | S. D. Holmes |
| Pay Roll & Accounting | C. M. Schnieders |
| Transformer | R. Wickliffe |
| Apprentice | George Auer |
| Winter St. | C. L. Wysong |
| G-E Squares | L. F. Hemphill |

### Industrial Volley Ball League Ends in Tie

The dope bucket was rudely upset in the industrial volley ball league when the Bowser team handed Dudlo its first defeat in four years. And to make it worse, Bowser made a clean sweep by winning all three games and went into a tie with Dudlo for first place. The tie will be played off in the near future and the second round will be played after the basketball schedule is completed in the spring. The standing of the teams at the end of the first round follows:

| | W | L | P.C. |
|---|---|---|---|
| Dudlo | 15 | 3 | .833 |
| Bowser | 15 | 3 | .833 |
| General Electric | 6 | 12 | .333 |
| Wayne Knits | 0 | 15 | .000 |

Are You Planning
To
Sign Up for Any
Securities Corporation Bonds
*for 1929?*

### Interdepartment Volley Ball

The Winter street team is leading the interdepartment volleyball league without a defeat chalked up against them in fifteen starts. Seven regular teams compose the league with the Y.M.C.A. industrial league team playing the odd team, the results not counting in the standing. The games are all played in the Recreation Bldg. on Monday evenings immediately after work. No admission charge is made and the doors are open to the public. The standing of the league follows:

| | W | L | P.C. |
|---|---|---|---|
| Winter Street | 18 | 0 | 1.000 |
| Small Motor | 15 | 3 | .833 |
| Main Office | 10 | 8 | .556 |
| Transformer | 7 | 8 | .466 |
| Meter | 6 | 9 | .400 |
| G-E Squares | 5 | 13 | .278 |
| Apprentice | 1 | 14 | .066 |

### G-E Girls Present Strong Lineup

The G-E girls' basketball quintette or sextette, as the case may be, is looking forward to one of the most successful seasons this year. With six veterans and four promising recruits the squad looks better than ever before. Harry Spahr, the husky backguard of the G-E Club five, is teaching the girls some of Hank's tricks. The girls opened their season by playing their ancient rivals, the Lincoln Life girls, in a preliminary to the G-E club-Michigan Central game. The following make up the team: Hilda Walda, Lela Reidenbach, Hildegarde Hormel, Orena Christenbury, LaVera Vail, Barbara Derr, Tressie Singrey, Helen Fletcher, Kathryn De Armitt and Anna Scott.

### Say! Fellows Do You Know

That the G-E club is putting on gym classes for your benefit every Wednesday and Friday nights from 5 to 6:30 o'clock. Are you taking advantage of this opportunity? If not, why not? The G-E club has been very generous in equipping the gym with parallel bars, horses, flying rings, horizontal bars and mats. If you are interested in gymnastics and tumbling, here is your chance. There are many other games played and little stunts that everybody can take part in. These classes are absolutely free of charge, just bring your gym suit and shoes and start right in. If you are interested and want more information just call Tony on 347 or Kirby on 734. The health returns will more than repay you for the time you spend. Let's make our motto "Health Is Wealth."

A. F. De La Grange, *Instructor.*
C. F. Kirbach, *Assistant Instructor.*

### Lawrence Rolls 298 Count

Roy Lawrence, of the Terminals, Meter Dept. League, narrowly missed a perfect score in a regular league game during the past month when two pins refused to fall on his twelfth ball. Since this score was rolled just after this league had been recognized by the American bowling congress, Lawrence will receive a bronze medal for his fine score.

### Inter-Dept. League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Transformer | 21 | 6 | .778 | 899 |
| Wire & Insulation | 18 | 9 | .667 | 895 |
| Apparatus | 16 | 11 | .593 | 903 |
| General Stores | 16 | 11 | .593 | 885 |
| Small Motor | 15 | 12 | .556 | 910 |
| Meter | 13 | 14 | .481 | 891 |
| Winter St. | 6 | 21 | .222 | 848 |
| Fire Dept. | 3 | 24 | .111 | 819 |

#### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| E.Harkenrider | 24 | 191 | Schlup | 27 | 88 |
| Bryan | 24 | 191 | Cox | 27 | 181 |
| Doehrman | 9 | 191 | Knoll | 27 | 186 |
| Adamski | 27 | 190 | Quinn | 27 | 186 |
| Zurcher | 27 | 189 | Kammer | 27 | 185 |

#### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| F. Quinn | 257 | E. Harkenrider | 645 |

#### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Meter | 1012 | Small Motor | 2870 |

### Meter Dept. League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Disks | 21 | 9 | .700 | 804 |
| Elements | 20 | 10 | .667 | 809 |
| Gears | 18 | 12 | .600 | 812 |
| Leads | 18 | 12 | .600 | 790 |
| Terminals | 17 | 13 | .567 | 793 |
| Seals | 16 | 14 | .533 | 784 |
| Pivots | 15 | 15 | .500 | 792 |
| Bases | 15 | 15 | .500 | 782 |
| Covers | 14 | 16 | .467 | 768 |
| Registers | 11 | 19 | .367 | 793 |
| Jewels | 11 | 19 | .367 | 778 |
| Magnets | 4 | 26 | .133 | 745 |

#### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Weick | 30 | 182 | Miller | 30 | 175 |
| Erne | 30 | 178 | Jacobs | 30 | 174 |
| Voorhees | 30 | 177 | Timme | 30 | 174 |
| Rietdorf | 30 | 177 | Haberkorn | 24 | 173 |
| Lawrence | 30 | 176 | Wood | 30 | 172 |

#### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Lawrence | 298 | Voorhees | 657 |
| Bushing | 268 | Miller | 626 |
| Voorhees | 255 | Rietdorf | 612 |

#### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Terminals | 992 | Disks | 2592 |
| Disks | 947 | Elements | 2581 |
| Leads | 918 | Terminals | 2576 |

### Office League

(End of First Round)

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| D. C. Apparatus | 25 | 8 | .788 | 775 |
| Plant Construction | 25 | 8 | .788 | 762 |
| Accounting | 22 | 11 | .667 | 768 |
| Apparatus Cost | 20 | 13 | .607 | 781 |
| Material List | 17 | 16 | .515 | 760 |
| D. C. Drafting | 16 | 17 | .485 | 763 |
| Distribution | 14 | 19 | .424 | 749 |
| Industrial Service | 13 | 20 | .394 | 739 |
| Warehouse | 12 | 21 | .363 | 740 |
| A. C. Drafting | 12 | 21 | .363 | 737 |
| Small Motor Engrs. | 12 | 21 | .363 | 728 |
| Service Bureau | 10 | 23 | .302 | 760 |

#### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Reese | 30 | 185 | Roeger | 33 | 168 |
| Bryan | 33 | 184 | Haugh | 30 | 167 |
| Enders | 30 | 180 | Reed | 30 | 163 |
| Einsiedel | 33 | 178 | Zieg | 30 | 163 |
| Lindemuth | 30 | 170 | Kellog | 24 | 162 |

#### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Enders | 242 | Enders | 636 |
| Zieg | 235 | Einsiedel | 634 |
| Plaisted | 235 | Reese | 627 |

#### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| D.C. Apparatus | 906 | D.C. Apparatus | 2495 |
| Material List | 901 | D.C Drafting | 2473 |
| Apparatus Cost | 884 | Apparatus Cost | 2466 |

### Small Motor League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| SD | 25 | 5 | .833 | |
| RKT | 21 | 9 | .700 | |
| DR3 | 20 | 10 | .667 | |
| DR1 | 18 | 12 | .600 | |
| RSC | 17 | 13 | .567 | |
| RSS | 15 | 15 | .500 | |
| RKQ | 14 | 16 | .467 | |
| DR2 | 13 | 17 | .433 | |
| RSA | 11 | 19 | .367 | |
| SDA | 10 | 20 | .333 | |
| RSO | 9 | 21 | .300 | |
| SA | 7 | 23 | .233 | |

#### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Quinn | 3 | 188 | Michelfelder | 27 | 169 |
| Kammer, E. | 27 | 182 | McKering | 21 | 169 |
| Tobias, M. | 30 | 175 | Kammer, H. | 3 | 169 |
| Renier | 9 | 173 | Cooper | 9 | 169 |
| Rapp | 24 | 170 | Rose | 30 | 164 |

#### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Nieman | 244 | Rapp | 590 |
| Daley | 234 | Rose | 584 |
| Archer | 233 | Hammer, E. | 580 |

#### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| DR3 | 789 | SD | 2089 |
| SD | 761 | DR3 | 2080 |
| SA | 727 | RSC | 2026 |

### Tool and Equipment League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Jigs and Fixtures | 18 | 15 | .545 | 792 |
| Tool Supervisors | 18 | 15 | .545 | 778 |
| Machines | 17 | 16 | .515 | 779 |
| Punches | 17 | 16 | .515 | 770 |
| Special Tools | 16 | 17 | .484 | 804 |
| Grinders | 16 | 17 | .484 | 796 |
| Special Machines | 16 | 17 | .484 | 766 |
| Dies | 14. | 19 | .424 | 776 |

#### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Rehm | 12 | 182 | Lankenau | 33 | 175 |
| Franke, W. | 30 | 178 | Dicke | 27 | 173 |
| Knepple | 33 | 176 | Franke, J. | 21 | 171 |
| Dailey | 33 | 175 | Lenz | 9 | 168 |
| Gerdom | 33 | 175 | Tennison | 3 | 168 |

#### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Stone | 257 | Knepple | 652 |
| Neeb | 253 | Franke, W. | 606 |
| Druhot | 249 | Dailey | 602 |

#### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Special Tools | 993 | Special Tools | 2744 |
| Machines | 949 | Dies | 2633 |
| Special Machines | 935 | Grinders | 2569 |

### Foremen's League

(End of First Round)

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| General Service | 13 | 8 | .619 | 754 |
| Small Motor | 13 | 8 | .619 | 732 |
| Meter | 13 | 8 | .619 | 727 |
| Tool Supply | 12 | 9 | .571 | 726 |
| Apparatus | 9 | 12 | .429 | 720 |
| Wire and Insul. | 9 | 12 | .429 | 701 |
| Transformer | 8 | 13 | .381 | 692 |
| Refrigerator | 7 | 14 | .333 | 702 |

#### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Buuck | 21 | 178 | Rockhill | 21 | 159 |
| Foellinger | 21 | 167 | Holloway | 21 | 158 |
| Skevington | 15 | 165 | Kabish | 18 | 157 |
| Szink | 21 | 164 | Schafenacker | 12 | 157 |
| Siebold | 18 | 161 | Bobay | 21 | 156 |

#### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Tool Supply | 899 | Small Motor | 2324 |
| Small Motor | 895 | Transformer | 2320 |
| Transformer | 823 | Meter | 2317 |

### Transformer Dept. League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Currents | 19 | 8 | .704 | 754 |
| Bells | 16 | 11 | .592 | 744 |
| Radios | 13 | 14 | .481 | 735 |
| Autos | 12 | 15 | .444 | 758 |
| Toys | 12 | 15 | .444 | 737 |
| Nitelites | 9 | 18 | .333 | 738 |

#### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Cox | 27 | 181 | Long | 27 | 164 |
| Cook | 27 | 178 | Gargett | 24 | 162 |
| Garihan | 24 | 176 | Boutwell | 27 | 162 |
| Tagtmeyer | 27 | 174 | Schlatter | 27 | 162 |
| Orff | 21 | 165 | Fryback | 27 | 161 |

#### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Fryback | 232 | Long | 626 |
| Long | 228 | Cook | 608 |
| Boutwell | 225 | Garihan | 602 |

#### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Bells | 885 | Bells | 2486 |
| Radios | 864 | Currents | 2469 |
| Nitelites | 856 | Radios | 2423 |

### Girls' League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Refrigerator | 21 | 6 | .778 | 602 |
| Fire | 20 | 7 | .740 | 592 |
| Small Motor | 16 | 11 | .593 | 581 |
| Apparatus | 13 | 14 | .481 | 561 |
| Meter | 11 | 16 | .407 | 503 |
| Order | 10 | 17 | .370 | 497 |
| Tool | 9 | 18 | .333 | 544 |
| Industrial Service | 8 | 19 | .296 | 528 |

#### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Lackey | 27 | 176 | Linnemeyer | 27 | 146 |
| Preston | 27 | 153 | Pence | 24 | 139 |
| Fox | 27 | 150 | Stahl | 27 | 136 |
| Hueber | 27 | 147 | James | 27 | 135 |
| Bleke | 27 | 146 | Horstmeyer | 27 | 133 |

#### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Lackey | 223 | Lackey | 594 |
| Fox | 220 | Fox | 568 |
| Preston | 216 | Preston | 519 |

#### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Fire | 766 | Refrigerator | 2011 |
| Refrigerator | 750 | Fire | 1959 |
| Tool | 702 | Tool | 1896 |

### Wire and Insulation League

| | Won | Lost | P.C. | Ave. |
|---|---|---|---|---|
| Paper | 14 | 7 | .667 | 728 |
| Mica | 13 | 8 | .619 | 714 |
| Insulators | 9 | 12 | .428 | 717 |
| Rollers | 6 | 15 | .285 | 683 |

#### INDIVIDUAL AVERAGES

| | | | | | |
|---|---|---|---|---|---|
| Buckles | 21 | 174 | Saaf | 21 | 152 |
| DeWitt | 21 | 168 | Stultz | 15 | 146 |
| Glenn | 18 | 165 | Lallow | 21 | 143 |
| Schultz | 21 | 161 | Beck | 21 | 143 |
| Huffman | 21 | 159 | Hendricks | 3 | 142 |

#### HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Buckles | 243 | Buckles | 606 |
| Schultz | 225 | Huffman | 550 |
| Saaf | 210 | Schult | 546 |

#### HIGH TEAM SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Mica | 864 | Paper | 2251 |
| | | Insulators | 2234 |

### Apparatus League

| | Won | Lost | P.C. |
|---|---|---|---|
| Armatures | 20 | 10 | .666 |
| Coils | 16 | 14 | .543 |
| Commutators | 12 | 18 | 400 |
| Shafts | 12 | 18 | .400 |

INDIVIDUAL AVERAGES

| | | | |
|---|---|---|---|
| Dicke | 183 | Laisure | 164 |
| Schafer | 182 | Evers | 161 |
| Larenitis | 178 | Kaade | 159 |
| Slane | 171 | Wedler | 154 |
| Hugo | 170 | Zollinger | 152 |

HIGH INDIVIDUAL SCORE

| | One Game | | Three Games |
|---|---|---|---|
| Schafer | 244 | Slane | 603 |
| Dicke | 225 | Dicke | 602 |
| Laisure | 220 | Larenitis | 592 |

HIGH TEAM SCORE

| | One Game |
|---|---|
| Armatures | 890 |
| Coils | 831 |
| Commutators | 821 |

## DECATUR SECTION

### Firemen Elect Officers

THE firemen of Decatur Plant met in their club rooms on December 3rd for their regular monthly dinner and card party. This dinner meeting was the occasion for the annual election of officers. Tillman Gehrig was elected president, succeeding Albert Berry; Francis Eady, vice president, succeeding Charles Baxter, and Leo Ulman, secretary-treasurer, succeeding Solomon Lord. The plans are to continue the dinner meetings held on the first Monday of each month and the social games of fan tan which have proved so much fun in the past no doubt will be the principal excitement when the after dinner cigars are lighted.

### The Show

"MINSTREL Fashion Plates," the show sponsored by the Decatur band, went over in good shape with an excellent attendance at both presentations. Some changes in the previously announced cast occurred before the show was ready for the opening. As finally staged, Roy Mumma, Tillman Gehrig, Pat Hyland, Fred Shurger, Freck Hower and Herman Meyers appeared as the black-face convicts with France Conter as Chief of Police, the convicts filling the roles of end men, and the police chief that of interlocutor.

The second act, featuring singing and clever dances put on by an attractive girls' chorus with Miss Chester and Miss Cloud singing the solo parts, came in for a goodly share of applause. The river steamboat scene with the black-face and roustabouts formed a fitting ending. Every member of the cast may well be considered in any attempt to pick the stars of the show.

### Basketball

The Plant baseketball team had more than their hands full in the first game of the season and accordingly took the short end of the score in the game with Berne. Immediately after that game, however, the boys got busy ironing out some of the rough spots and managed to take the G-E Winter Street Plant team into camp to the score of 39 to 31. The lineup for the Winter Street game was as follows

| G-E Winter Street | | G-E Decatur |
|---|---|---|
| Hoopengardner | f. | Zwick |
| Stephenson | f. | Stickler |
| Lammeriman | c. | Wenshoff |
| Kibiger | g | Tony |
| Smith | g | Kleinknight |

Also in the game was Kestner as guard for Winter Street, White as guard for Decatur and Hill as forward for Decatur. Stephenson of Winter Street, accounted for 11 points for his team while Stickler of Decatur scored 21 points.

In the third game Decatur was defeated by Monroville by a score of 31 to 26.

### Weddings

#### Bogner-Shady

On November 28th, Flossie Shady, Armature Dept., and Richard Bogner, Tool Room, were quietly married. Following Thanksgiving they returned to work and received the hearty congratulations of all their friends. The couple will make their home at 1104 West Monroe Street.

#### Sprunger-Schlagenhauf

Considerable surprise was created in the Shop on December 5th when it became known that Frank Sprunger, machine operator, had been married at Newport, Ky., on September 15th to Ruby Schlagenhauf, of Berne. On receiving the hearty congratulations from his fellow employees, Mr. Spranger informed them that the present plans were to begin housekeeping in Decatur soon after the holidays.

Cast of the Decatur Minstrel Show

# A Christmas Greeting

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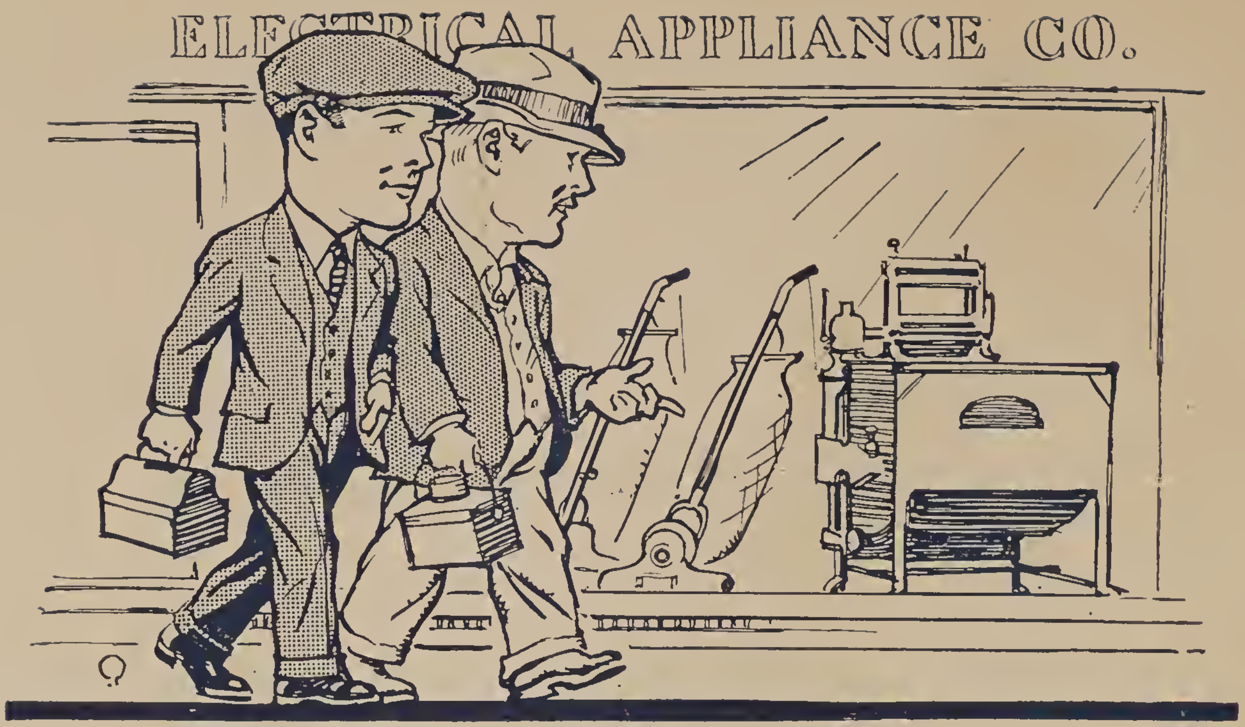
WITH full appreciation of the high degree of activity and prosperity which we have enjoyed at the Fort Wayne Works in 1928 and with gratitude for the spirit of mutual confidence which continues to guide our relations, I extend to all my co-workers, for themselves and their families, good wishes for a Merry Christmas and Happy and Prosperous New Year.

WALTER GOLL
*Works Manager*


ELECTRICAL APPLIANCE CO.

"WE WERE down looking at electric washers last night. It seemed as if all of the better ones had G-E fractional horsepower motors."

"Sure, our motors are bought on a quality basis. Sometimes manufacturers who are building their appliances with only the idea of price in mind can get lower quotations from competitors, but the men who are putting real quality into their product prefer G-E fractional horsepower motors. They're sure of the material we put in them and they know that our engineers see to it that the electrical equipment we furnish them is designed to give good service on their appliances. I always say that whenever I find anything fitted with a G-E motor I've got a pretty good idea that the rest of it is O.K., too. You know you can find our fractional horsepower motors on almost every type of motor-driven appliance."

*In addition to the nameplate and the end shield on the G-E motors themselves, this identification seal is used on stickers and tags attached to most of the appliances equipped with G-E fractional horsepower motors.*

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